



Online Reference Guide

ActiveGuard® Mattress Liners – Bed Bugs

Lab and Field Data

Ballard, J.B. A New Option. PCT, 2008;36(10): 144,147-148

http://allergytechnologies.com/assets/default/ActiveGuard_article_-_Lab_Data_-_Greystone_-_PCT_-_10-08.pdf

Ballard, J.B. *ActiveGuard*™ Mattress Liner Field Trial Results. PCT 2010; 38(3): 116

http://allergytechnologies.com/assets/default/ActiveGuard_Field_Trial_-_PCT_-_3-10_1.pdf

Ballard, J.B. et al., Controlling Bed Bugs in Transient Housing Facilities. PCT 2011; 39(8): 82, 84, 86 and 87.

http://allergytechnologies.com/assets/default/Controlling_bed_bugs_-_Queens_Galley_-_August_2011_PCT_-_REVISED.pdf

Ballard, J.B. The Installation of *ActiveGuard*™ Mattress Liners for the Prevention of Bed Bug (*Cimex lectularius*) Infestation in Hotel Rooms. PCT online, November 17, 2011

http://www.pctonline.com/FileUploads/file/Allergy_Tech_4pgInsert.pdf

Jones, S.C. et al. Behavioral Responses of the Bed Bug to Permethrin-Impregnated *ActiveGuard*™ Fabric, *Insects* 2013, 4(2), 230-240

<http://www.mdpi.com/2075-4450/4/2/230>

Ballard, J.B. *ActiveGuard* Mattress Liners for Bed Bug Control. PCT Supplement, Oct 2013

<http://www.pctonline.com/FileUploads/file/AllergyTechnologiesSupplement.pdf>

Jones, S.C. Sublethal Effects of *ActiveGuard* Exposure on Feeding Behavior and Fecundity of the Bed Bug (Hemiptera: Cimicidae)

[Journal of Medical Entomology Advance Access published April 1, 2015](#)

Kells, S.A. and Hymel, S. N. The influence of time and distance traveled by bed bugs, *Cimex Lectularius*, on permethrin uptake from treated mattress liners – April 2016

http://allergytechnologies.com/assets/default/Kells_et_al-2016-Pest_Management_Science.pdf

Bed Bug Protocol

Ballard, J.B. Bed Bug Control Protocols and Observations from the Field, PCT 2010; 38(3): 98-100, 102, 104

http://allergytechnologies.com.php53-2.ord1-1.websitetestlink.com/assets/default/Bed_Bug_Protocol_-_PCT_3-10.pdf

6/25/2019

New and Improved Bed Bug Control Protocol – July 2016

http://allergytechnologies.com/assets/default/Bed_Bug_Protocol_-_ver_2.3_July_29_2016.pdf

News Articles/Press Releases

New Weapon to Kill Bed Bugs

<http://www.businesswire.com/news/home/20100301006644/en/Weapon-Kill-Bed-Bugs>

The Statler Hotel Installation

http://eon.businesswire.com/portal/site/eon/permalink/?ndmViewId=news_view&newsId=20100618005810&newsLang=en

Donation to The Washington Manor

<http://www.businesswire.com/news/home/20100420006667/en/ActiveGuard%E2%84%A2-Mattress-Liners-Donated-Homeless-Shelter-Control>

Residex Bed Bug Symposium - 12-13-10 - PCT Magazine

http://www.pctonline.com/Article.aspx?article_id=110981

Allergy Technologies LLC Provides Over \$100,000 in a Research Grant to The Ohio State University for the Study of Bed Bugs – August 2011

<http://www.prnewswire.com/news-releases/allergy-technologies-llc-provides-over-100000-in-a-research-grant-to-the-ohio-state-university-for-the-study-of-bed-bugs-127299643.html>

New Label for *ActiveGuard* Mattress Liners – February 2012 – PCT Online

<http://www.pctonline.com/ActiveGuard-liners-epa-label.aspx>

Allergy Technologies Signs Exclusive Agreement with Hospi-Tel – March 2012 – PCT Online

<http://www.pctonline.com/Allergy-Technologies-Hospi-Tel-Agreement.aspx>

Allergy Technologies LLC Continues Funding Bed Bug Research at The Ohio State University with a 2nd Year \$100,000+ Research Grant – November 2012

<http://www.prnewswire.com/news-releases/allergy-technologies-llc-continues-funding-bed-bug-research-at-the-ohio-state-university-with-a-2nd-year-100000-research-grant-180858881.html>

Dennis Mayhew is Winner of ‘Take the *ActiveGuard* Challenge - January 2013 – PCT Online

<http://www.pctonline.com/article/mayhew-activeguard-challenge-winner/>

Allergy Technologies, Ehrlich Enter into Distribution Agreement – March 2013 – PCT Online

<http://www.pctonline.com/Allergy-Technologies-Ehrlich-distribution-agreement.aspx>

Allergy Technologies - Putting Their Money Where the Bed Bugs Are – March 2013 – PCT Online

<http://www.pctonline.com/pct0313-bed-bug-research-grant.aspx>

Giving Bed Bug Research a Boost – Allergy Technologies Funds Grant for OSU Bed Bug Research – March 2013 – PMP Magazine Online

<http://allergytechnologies.com/assets/default/GivingBedBugResearchaBoostPMPMagazine.pdf>

Allergy Technologies Expands Distribution “Coast-to-Coast” with Target Specialty Products Carrying *ActiveGuard*™ Mattress Liners – April 2013

<http://www.pctonline.com/allergy-technologies-expands-distribution.aspx>

6/25/2019

Allergy Technologies Expands Midwest Distribution with Pest Management Supply Now Carrying *ActiveGuard*™ Mattress Liners – May 2013

<http://www.pctonline.com/Allergy-Technologies-Midwest-Distribution.aspx>

Pest Control Supplies Now Distributes *ActiveGuard*™ Mattress Liners – June 2013

<http://www.pctonline.com/allergy-technologies-activeguard-pest-control-supplies.aspx>

Allergy Technologies Expands Florida Distribution of *ActiveGuard* Through Southern Chemical and Equipment - 7-1-13

<http://www.pctonline.com/Allergy-Technologies-Florida-Distributor.aspx>

Allergy Technologies Launches Redesigned Website – November 2013

<http://www.pctonline.com/Allergy-Technologies-relaunches-website.aspx>

Allergy Technologies' 2013 Achievements Position Company for 2014 Success – January 2014

<http://www.pctonline.com/Allergy-Technologies-2014-positioning.aspx>

A Silver Lining Playbook for Managing Bed Bugs – PCT – April 2014

<http://allergytechnologies.com/assets/default/AllergyTechnologiesRoseHastingsCaseStudy.pdf>

Corporate Profile. Allergy Technologies – Committed to the Industry – HotelManagement.net - August 2014

<http://allergytechnologies.com/assets/default/CorporateProfile-HotelMgmt-Aug2014.pdf>

Allergy Technologies Holds 'Make a Fortune' Promotion at PestWorld – October 27, 2014 – PCT Online

<http://www.pctonline.com/Allergy-Technologies-fortune-promo.aspx>

Allergy Technologies Offers Free Liner Trial Program to Pest Management Professionals – November 19, 2014 – PCT Online

<http://www.pctonline.com/Allergy-Technologies-free-liner-promo.aspx>

It's a Bird...It's a Plane. Industry Superhero 'The *ActiveGuardian*' Debuts in Digital Ad Campaign – PCT – January 2015

<http://allergytechnologies.com/assets/default/PCT-It%E2%80%99saBirdItsPlaneJanuary2015.pdf>

Allergy Technologies - Platinum Sponsor of the 2015 Global Bed Bug Summit Offers Preventive Solution to the Bed Bug Problem – March 3, 2015

http://allergytechnologies.com/assets/default/AllergyTechnologies_BedBugSummit_FINALPR_v1.1.pdf

Articles and Blogs referencing Dr. Susan Jones' April 1, 2015 Journal Medical Entomology article entitled, "Sublethal Effects of ActiveGuard Exposure on Feeding Behavior and Fecundity of the Bed Bug (Hemiptera: Cimicidae)":

Entomological Society of America

<http://www.entsoc.org/press-releases/bed-bug-fecundity-reduced-activeguard>

Phys.org

<http://phys.org/news/2015-04-activeguard-mattress-liners-bed-bugs.html>

6/25/2019

Infection Control Today

<http://www.infectioncontroltoday.com/news/2015/04/activeguard-mattress-liners-reduce-bed-bugs-ability-to-lay-eggs-study-finds.aspx>

Jersey Tribune

<http://jerseytribune.com/2015/04/01/activeguard-mattress-liners-reduce-bed-bugs-ability-to-lay-eggs-study-finds/>

Science Daily

<http://www.sciencedaily.com/releases/2015/04/150401084558.htm>

Science Newline Biology

<http://www.sciencenewline.com/summary/2015040115550070.html>

Medical Research

<http://medicalresearch.com/author-interviews/permethrin-impregnated-mattress-liner-found-effective-against-bedbugs/13231/>

Winged Post

<http://wingedpost.org/2015/04/activeguard-mattress-liners-reduce-bed-bugs/>

Topix – The Ohio State University

<http://www.topix.com/colleges/ohio-state-university/2015/04/150406H6JK17>

PCT E-Newsletter for Monday, April 6, 2015

<http://www.pctonline.com/active-guard-bed-bug-egg-laying-ability.aspx>

Hotelanna.biz

<http://www.hotelanna.biz/?p=38392>

Emilio Cogliani

<https://emiliocogliani.wordpress.com/2015/04/01/activeguard-mattress-liners-reduce-bed-bugs-ability-to-lay-eggs-study-finds/>

Popular Science

<http://www.popsci.com/bed-bugs-chemical-cover-caveats>

Allergy Technologies Offers Free Liner Trial Program for Hotels to Prevent & Control Bed Bugs for 2 Years – PR Newswire – April 2, 2015

<http://www.prnewswire.com/news-releases/allergy-technologies-offers-free-liner-trial-program-for-hotels-to-prevent--control-bed-bugs-for-2-years-300060370.html>

Mattress Matters - Bed Bug Allergy Technology News – PCT Bed Bug Supplement - June 2015

http://allergytechnologies.com/assets/default/BB_Allergy_Tech_News_FINAL.pdf

Bug Off Announces Bed Bug Training Event – July 10, 2015

<http://www.pctonline.com/article/bug-off-bed-bug-training-event/>

Sleep Tight And, Well, You Know the Rest: Travel Tips to Keep the Bed Bugs from Biting – July 15, 2015 – MarketWire

http://allergytechnologies.com/assets/default/Release_Top_6_Travel_Tips_07-15-15_final.pdf

6/25/2019

ActiveGuard[®]'s Sub-Lethal Effects Reduce Pest Impact of Bed Bugs – PCT – July 2015
http://allergytechnologies.com/assets/default/Allergy_Technologies_Advertorial_7-6-15.pdf

Designing a Bed Bug Free Hotel Room – Corporate Profile – HotelManagement.net – August 2015
http://allergytechnologies.com/assets/default/Hotel_Mgmt_-_Design_BB_Free_Hotel_Room_-_6-29-15.pdf

Allergy Technologies Appoints New West Coast Sales Specialist – PCT Online - August 6, 2015
<http://www.pctonline.com/article/Nishimura-Allergy-Technologies-West-Coast-Rep>

Who's Been Sleeping in Your (Dorm) Bed? – Even the Most Prepared Students Should Protect Against Bed Bugs - August 13, 2015
<http://news.sys-con.com/node/3412036>

Bedliner may help prevent guests from bedbug pests – August 30, 2015
http://www.philly.com/philly/business/small_business/20150830_Bedliner_may_help_prevent_guests_from_bedbug_pests.html

Allergy Technologies Featured in Philadelphia Inquirer – August 31, 2015
<http://www.pctonline.com/article/allergy-technologies-philly-inquirer/>

Austin 'ActiveGuard' Powers PestWorld Invitation – October 8, 2015
<http://www.pctonline.com/article/allergy-technologies-austin-powers-invite/>

ActiveGuard[®] Mattress Liners for Bed Bug Control in a Large Metropolitan Hotel – January 19, 2016
<http://www.pctonline.com/article/activeguard-mattress-liners-for-bed-bug-control-in-a-large-metropolitan-hotel/>

Allergy Technologies Launches HotelBedBugPrevention.com – March 16, 2016
<http://www.pctonline.com/article/allergy-technologies-hotel-bed-bug-prevention-website/>

Video: Donald 'ActiveGuard' Trump – April 6, 2016
<http://www.pctonline.com/article/trump-impersonator-allergy-technologies/>

Allergy Technologies Announces Summer Savings Spectacular – May 23, 2016
<http://www.pctonline.com/article/allergy-technologies-summer-savings-promo/>

Allergy Technologies Releases Updated SDS for *ActiveGuard* Mattress Liner – June 13, 2016
<http://www.pctonline.com/article/allergy-technologies-updated-sds-active-guard-liners/>

“Do Not Disturb” – editorial by Jeff Fenner, PCT Magazine - Bed Bug Supplement, June 15, 2016
<http://www.pctonline.com/article/do-not-disturb/>

Eight (8) Guest Room Modifications to Resist Bed Bug Infestation, Lodging Engineer, Issue #23, Summer 2016, pgs. 26-27
http://nahle.org/eMag/edition23/?utm_source=Lodging+Engineer+Magazine+Summer+2016&utm_campaign=LE+Summer+2016&utm_medium=email#?page=26

Protection that Lasts - by Timothy Wong, PCT Bed Bug Supplement, September 2016
<http://cdn2.hubspot.net/hubfs/427410/BBJASASep2016.pdf?t=1474991485991>

Allergy Technologies LLC, 124 South Maple Street, Suite 100, Ambler PA 19002 215-654-9988

6/25/2019

Bed Bug Battles – An Ounce of Prevention, Nov. 2016, Pest Management Professional – mypmp.net
http://allergytechnologies.com/assets/default/PMP1116_B2-AllergyTech-FINAL.pdf

Bed Bugs & Prevention...Is It Possible? by Drs. Phil Koehler, Susan Jones, James Ballard and Ms. Gail Getty, PCT Bed Bug Supplement, December 2016
<http://www.pctonline.com/article/bed-bugs--prevention-is-it-possible-sponsored-by-allergy-technologies/>

Putting a Stop to Bed Bugs – Florida Bed Bug Prevention Symposia Recap – Jeff Fenner - PCT Bed Bug Supplement, December 2017
<http://www.pctonline.com/article/putting-a-stop-to-bed-bugs/>

Discover the Power of Bed Bug Prevention (for PMPs) - Stop the Bites...Prevent the Infestation...Preserve the Reputation - PCT January 2018
http://allergytechnologies.com/assets/default/Discover_the_Power_of_BB_Prevention_Whitepaper_-_Dec_2018.pdf

5 Questions - with Joseph Latino (Bed Bug Prevention Think Tank) - PMP Magazine - January 2018
http://allergytechnologies.com/assets/default/PMP_5_Questions_January_2018_V3.pdf

Discover the Power of Bed Bug Prevention - *Prevent the Infestation...Preserve the Reputation* - Hotel Management - February 2018
http://hotelbedbugprevention.com/wp-content/uploads/2018/04/HM_AllergyTechnologies.whitepaper_REV10-17-17_Vs3.pdf

Allergy Technologies, Manufacturer of *ActiveGuard*, Named a Supply Partner by Hilton Supply Management – Press release - January 3, 2019
<https://markets.businessinsider.com/news/stocks/allergy-technologies-manufacturer-of-activeguard-named-a-supply-partner-by-hilton-supply-management-1027842640>

Preventing and Treating Bed Bug Infestations in Residence Halls – College Planning & Management News; April 2019
<https://webcpm.com/articles/2019/04/17/bed-bugs-in-dorms.aspx>

Biology and behavior - Key to bed bug-free hotels – Today's Hotelier – May 2019
https://www.todayshotelier-digital.com/aahom/0119_january_2019/MobilePagedArticle.action?articleId=1450651#articleId1450651

Product Insights - Bed Bugs - Pest Management Professional Magazine; May 2019
https://cdn2.hubspot.net/hubfs/427410/AllergyTechnologies_REV.pdf

Allergy Technologies and Bed Bug Central to Sponsor FREE Webinar “The Key to Recurring Bed Bug Revenue” – Press release - May 29, 2019
<https://www.pctonline.com/article/allergy-technologies-bed-bug-central-target-webinar/>

Do You Know The 'True Cost' Of A Dealing With A Bed Bug Occurrence In Your Hotel? – Hotel Business – June 7, 2019
<https://hotelbedbugprevention.com/wp-content/uploads/2019/06/Bed-Bug-Prevention-Hotel-Business-June-7-2019.pdf>

6/25/2019

ActiveGuard Testimonials

Covering All the Bases – Testimonial – March 2013 – PMP Magazine Online

http://allergytechnologies.com/assets/default/Covering_All_the_Bases_-_Testimonial_-_PMP_Magazine_-_March_2013_2.pdf

When Bed Bugs Bite - PMP Magazine, August 2013

http://allergytechnologies.com/assets/default/When_Bed_Bugs_Bite_-_Testimonial_-_PMP_Mag_-_Aug_2013_5.pdf

William Hastings, Director Special Services, Rose Pest Control - December 2013

<http://allergytechnologies.com/assets/default/ActiveGuardRosetestimonial.pdf>

ActiveGuard Mattress Liners - "Don't Let the Bedbugs Bite" – Horticultural Hotline – January 2, 2014

<http://horticulturehotline.blogspot.com/2014/01/activeguard-mattress-liners-dont-let.html>

Rob Guyette, General Manager of Braman Termite and Pest Elimination – February 25, 2014

<http://allergytechnologies.com/assets/default/BramanActiveGuardTestimonial-2-14.pdf>

Dean Bennett, President of Bennett Termite and Pest Solutions – March 7, 2014

http://allergytechnologies.com/assets/default/Bennett_ActiveGuard_Liner_Testimonial_.pdf

James Swint, Account Manager, Flash Exterminating – March 22, 2014

<http://allergytechnologies.com/assets/default/Flashexterminating.pdf>

Bob Masters, Masters Termite and Pest Control – May 12, 2014

<http://allergytechnologies.com/assets/default/MastersActiveGuardtestimonial-5-12-14.pdf>

Anthony John, Operations Manager, M&M Environmental Pest Control – August 14, 2014

<http://allergytechnologies.com/assets/default/MandMTestimonyLetter-8-14-14.pdf>

Christina Buell, Service Manager, Griffin Pest Solutions, Inc. – March 2015

<http://allergytechnologies.com/assets/default/GriffinPestSolutionsTestimonialMarch2015.pdf>

Sean Thomas Hannon, Head Service Technician, Dirks Pest Management, LLC – March 29, 2015

<http://allergytechnologies.com/assets/default/DirksPestControl.pdf>

Dave Balliet, County Pest Control, LTD – April 2016

<http://allergytechnologies.com/assets/default/ActiveGuardtestimonial.pdf>

Tom Fitzgerald, Bed Bug Service Supervisor, Rottler Pest and Lawn Solutions – October 2016

<http://allergytechnologies.com/assets/default/rottlertestimonial.pdf>

Dennis Judy, Director of Education and Quality Assurance, Allgood Pest Solutions – October 2016

<http://allergytechnologies.com/your-solution/for-pmps/testimonials/>

Eric Braun, Bed Bug Line of Business Manager, Rentokil Steritech – October 2016

<http://allergytechnologies.com/your-solution/for-pmps/testimonials/>

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ActiveGuard Videos

ActiveGuard® Installation Video

https://www.youtube.com/watch?feature=player_embedded&v=kqPN2605XXw

VideoTape of ActiveGuard® in Action

<http://www.youtube.com/watch?v=3unnlsg5x0c>

Drs. Susan Jones and Jim Ballard Talk about New ActiveGuard® Developments – PestWorld 2013

https://www.youtube.com/watch?v=6Vq6I-ZqIKE&feature=player_embedded

The ActiveGuardian

https://www.youtube.com/watch?feature=player_embedded&v=0a3VioSB_S0

Drs. Susan Jones and Jim Ballard Talk - ActiveGuard® Research Update - 2014 – PestWorld 2014

https://www.youtube.com/watch?feature=player_embedded&v=ZkxPkng3T-Y

John DiDomenico, renowned impersonator, as Donald “ActiveGuard” Trump hosting Allergy Technologies’ dinner/roast at PestWorld 2015 in Nashville, TN; footage was captured by Daily Vice

<http://allergytechnologies.com/resources/resourceextras/donald-activeguard-trump/>

ActiveGuard Commercial – Generic version – April 2016

<https://www.youtube.com/watch?v=8VYCF7JDI5A&feature=youtu.be>

ActiveGuard Infomercial – April 2016

<http://allergytechnologies.com/infomercial/>

Drs. Susan Jones and Jim Ballard, and Gail Getty - ActiveGuard® Research Update - 2016 – PestWorld

<https://www.youtube.com/watch?v=hEjhsCh1vl8>

Walk the Liner – Installation video (courtesy of University of Florida, Gainesville) – May 2017

<https://youtu.be/MHURvtiZ0XM>

Florida Bed Bug Symposium - Dr. Phil Koehler and Dr. Jim Ballard Interview – June 7, 2017

https://youtu.be/sx_Y1LtLxcA

Allergy Technologies Featured at PestWorld 2017

<https://www.dropbox.com/s/6degxycquc3fn9e/Allergy%20Technologies2.mp4?dl=0>

News Reports

ABC News Report – November 10, 2010

http://abclocal.go.com/wpvi/story?section=news/special_reports&id=7779576

Fox News 29 Report; "Good Day Philadelphia" – as reported by PCT - 12-13-10

<http://www.pctonline.com/article/pct-121510-activeguard-mattress-liners-featured-on-fox-news-philadelphia.aspx>

ActiveGuard/Allergy Technologies White Papers

Strategic Plan for Engaging Bedding Manufacturers: How Integration of ActiveGuard® Fabric Can Result in Capture of a Significant, Disruptive Market Share in Hospitality – March 2015

Available upon request

Allergy Technologies LLC, 124 South Maple Street, Suite 100, Ambler PA 19002 215-654-9988

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How to Boost Revenues' with *ActiveGuard*[®] - V 2.0 – June 2015

http://allergytechnologies.com/assets/default/ATL_Revenue_Booster_with_ActiveGuard_-_Ver_2.0_-_June_2015.pdf

8 Powerful Modifications To Make Your Hotel More Bed Bug Resistant – July 2015

http://allergytechnologies.com/assets/default/ATL_Power_8_Mods_Hotel_Room_BB_Resistance_-_low_res.pdf

The Ultimate Hotelier's Guide to Bed Bugs – J. Ballard, PhD (primary author) – Ver 1.0 – August 2016
Available upon request

Discover the Power of Bed Bug Prevention – Hospitality - Infographic – June 4, 2018

https://www.dropbox.com/s/93nb2cn21obl3ly/BBA-Final_Infographic%20-%202018.pdf?dl=0

Allergy Technologies Bed Bug Prevention Symposia Series

ProActive Prevention Bed Bug Symposium (Florida) – June 6-8, 2017 - Ft. Lauderdale (June 6th); Orlando (June 7th) and Tampa (June 8th)

PowerPoint Presentations by Dr. Phil Koehler and Joseph Latino available upon request

ProActive Prevention Bed Bug Symposium (California) – December 5 and 7, 2017 – San Jose (Dec 5th) and Anaheim (Dec 7th)

PowerPoint Presentations by Gail Getty, Tom Nishimura and Joseph Latino available upon request

ProActive Prevention Bed Bug Symposium (Texas) – May 10, 2018 – Irving, Tx

PowerPoint Presentations by Gail Getty, Jeff Lipman and Joseph Latino available upon request

‘Bed Bug Prevention – The Untapped Vertical’ – *part of* Target Specialty Product's Business Growth Series - The Key to Recurring Bed Bug Revenue – Webinars conducted on May 29, 2019 and June 6, 2019

PowerPoint Presentation by Joseph Latino available upon request

Current *ActiveGuard* SDS and Specimen Labels

SDS – May 25, 2016

http://allergytechnologies.com/assets/default/2016_GHS_SDS_ActiveGuard_Mattress_Liner-Final-5-16.pdf

Specimen Label – July 29, 2014

<http://allergytechnologies.com/assets/default/ActiveGuardEPAMasterLabel-approvedasof7-29-14-8-12-14.pdf>

EPA Notifications

***ActiveGuard* Mattress Liners (82123-1)**

Allergy Technologies issued Alternate Brand Names for *ActiveGuard* Mattress Liner - Feb 6, 2016

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00001-20160206.pdf

ActiveGuard's Label Includes Two Year Residual and Prevention/Control Claims for bed bugs – June 27, 2013

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00001-20130627.pdf

6/25/2019

ActiveGuard's Change in Labeling/EPA accepts removal of 'Caution' Signal Word; Label Consistent with Category IV product – March 12, 2013

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00001-20130312.pdf

ActiveGuard's Change in Labeling/EPA removal of restrictions – December 28, 2011

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00001-20111228.pdf

ActiveGuard® Fabric (82123-2)

Allergy Technologies issued Alternate Brand Names for *ActiveGuard* Fabric use in the Construction of Mattresses and Box Springs - Feb 6, 2016

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00002-20160206.pdf

ActiveGuard Fabric Change in Labeling/EPA accepts removal of 'Caution' Signal Word; Label Consistent with Category IV product – October 21, 2013

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00002-20131021.pdf

ActiveGuard Fabric EPA Master Label – September 18, 2012

https://www3.epa.gov/pesticides/chem_search/ppls/082123-00002-20120918.pdf

Allergy Technologies Website(s)

Allergy Technologies (parent website)

<http://allergytechnologies.com/>

Hotel Bed Bug Prevention (dedicated to hospitality)

<http://hotelbedbugprevention.com/>

Philadelphia Bed Bug Prevention

<https://hotelbedbugprevention.com/philly-bed-bug-prevention>

ActiveGuard® - Dust mite and Asthma/Atopic Dermatitis Research

ActiveGuard, under the name 'Z-net', is approved by the FDA as a Class I 510 (k) medical device.

Supportive clinical efficacy and safety data detailed within the published references below was germane to the issuance of marketing approval by the FDA.

Published References

Cameron, M.M., Hill, N., et al. Clinical Trial to Assess the Efficacy of House Dust Mite (Acari: Astigmata) Control in Reducing Symptoms of Atopic Asthma, Robertson, William H. and Bajomi, Dániel eds., Proceedings of the Sixth International Conference on Urban Pests, 2008

<http://www.icup.org.uk/report/ICUP946.pdf>

Cameron, M.M. and Hill, N. 2006. Clinical evaluation of permethrin-impregnated mattress liners to alleviate asthma through control of house dust mites. London School of Hygiene & Tropical Medicine, Univ. London and Royal Free Hospital, London, Jan. 2006 unpublished report. 39 pages.

Cameron, M. M.; Hill, N. Permethrin-impregnated mattress liners: a novel and effective intervention against house dust mites (Acari: Pyroglyphidae). *Journal of Medical Entomology*, 2002; 39(5):755-62

<http://www.ncbi.nlm.nih.gov/pubmed/12349859>

ACP Solutions Ltd - Results of Analysis of the Astex "Active(Guard)" Diary Cards – Kember Associates, January 2000 – *unpublished report*
<https://astexallergybedding.co.uk/wp-content/uploads/2018/01/Kember-Active-diary.pdf>

Cameron, M. M. Prevention of Atopic Asthma. Positive Health, February 1998; 25
<http://www.positivehealth.com/article/asthma/prevention-of-atopic-asthma>

Cameron, M. M. Can house dust mite-triggered atopic dermatitis be alleviated using acaricides? British Journal of Dermatology, 1997;137(1):1-8
<http://onlinelibrary.wiley.com/doi/10.1046/j.1365-2133.1997.1760185.x/abstract>

FDA Registration

Z Net FDA Class I 510 (k) approval (December 10, 2001)
<https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm?ID=K001003;>
http://www.accessdata.fda.gov/cdrh_docs/pdf/K001003.pdf

Related Research - Mattress Encasements and Asthma

Dharmage, S., et al. Encasement of Bedding Does Not Improve Asthma in Atopic Adult Asthmatics. International Archives of Allergy and Immunology, 2006;139(2):132-138
<http://content.karger.com/ProdukteDB/produkte.asp?Doi=90388>

Recer, C. A review of the effects of impermeable bedding encasements on dust-mite allergen exposure and bronchial hyper-responsiveness in dust-mite-sensitized patients. Clinical and Experimental Allergy, 2004;34(2):268-275
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2222.2004.01863.x/abstract>

Woodcock A. et al. Control of Exposure to Mite Allergen and Allergen-Impermeable Bed Covers for Adults with Asthma. N Eng J Med 2003; 349(3): 225-236
<http://www.nejm.org/doi/full/10.1056/NEJMoa023175>