



**TRAVEL
OUTFITTERS**

ILC Travel Outfitters.com

MissionaryStores.com

Your One Stop Outfitter For A Mission

Pre treating Clothing ***BEFORE*** you leave with Duration with fabric binders:

Not only does this product *repel* insects, but will actually *kill* mosquitoes, ticks, chiggers, mites and more than 55 other kinds of insects. Duration repellent is for use on your clothing and other gear. The chemical is odorless when dry. *Our .5% (1/2%) single application lasts through 6 washings.*

Our 10% single application procedure yields 32 ounces for "ONE" spraying that has shown through tests* it gives additional protection for up to a "Two year" period on clothing.

Note: *Best option* for ultimate bug protection. Clothing that can be worn for "2" Twelve month time periods for elders, Or "2" Nine month periods for sisters, leave 1/2 the clothing in sealed compression bags with Silica gel Packets until time to use, then wash & dry as instructed. Use same procedure as below

Use by itself, or with skin applied repellents to build the ultimate protective barrier. Permethrin is a contact insecticide but non-toxic to humans. Used on bed, will kill bed bugs, safe to humans.

Pretreatment for Missionary & Traveler Bug Repellent Procedures for Long Term Clothing Protection*

Step 1- *Pre-wash and dry* all the clothing to be treated with the Permethrin in UNScented detergent (Don't use fabric softener.)

Step 2- *International Instructions* for use of the Duration Permethrin, pour the 8 oz. 10% concentration into the 32 oz. spray bottle.

Step 3- *Fill the spray bottle to the top with water* and gently shake the water and permethrin concentrate together.

Step 4- *Hang all the clothing to be treated in a well ventilated area* that is NOT in direct sunlight or in an area that is windy. Make sure that small children and animals do NOT come into contact with the permethrin when wet. (See label on Duration bottle for further safety instructions)

Step 5- *Spray clothing until the material is damp*. The clothes should be wet, but not dripping. Allow to air dry. Once clothing is dry, it is safe to touch and wear.

Step 6- *ALL Travel (Mission) clothing & Socks, Exercise clothes, preparation day clothes (Service clothes-2 sets), pajamas, bedding, luggage, messenger bags and Flip suit jacket inside out and spray interior lining*

(This is Protection from bed bugs also)(**DO NOT treat undergarments**)

Note: The treated clothing is now protected and designed to be repellent through 100 washings, this may vary based on environmental conditions and other washing factors. *Results are based on International Knockdown tests.

After treating clothing & bedding dry by fan or outside in shaded area. DO NOT dry in dryer unless using static heat directions.

How it works: During the drying process, after treatment, permethrin tightly bonds with the fibers of the treated garment. It will not stain or damage clothing, fabrics, plastics, finished surfaces, or any of your outdoor gear (Satins and Silks have some issues with bonding). Permethrin clothing treatments, when applied following *Directions for Use*, have been determined to have "spatial repellency" against mosquitoes. This means that mosquitoes will swarm around you, but not land on your treated clothing and bite.

(If white residue is seen after treatment, a single washing should remove it)

Items to understand for proper clothing & bedding care to fight bugs & Mosquitoes.

Perfume smells in laundry soap helps to attract bugs. Bright colored clothing attracts bugs, bees, mosquitos & more...

Understanding Clothing Bug Protection Worldwide H17

ILC Travel Outfitters now can pretreat your clothing to be Bug Repellent & Bed Bug Protection BEFORE you leave on your Mission

We use International standards that have been tested* to protect clothing for over 100 washings

\$5.00 per clothing piece

Example: 12 pairs of socks = 2 piece of clothing, 1 shirt = 1 piece of clothing, 1 pair of pants = 1 piece of clothing, 1 gym short & 1 T-shirt = 1 piece of clothing, Sheet set = 2 pieces of clothing, (Average Missionary 12 socks, 10 white shirts, 6 pair of pants, 1 suit, 2 set of gym clothes/Pj's, 2 sets of P-day clothes & sheet set = \$120)

Doing on your own- \$80 to \$120 in chemical + plus your time= ???

Steps to allow for the best long term clothing protection.

Washing:

Use All natural laundry detergents, they are made without phosphates or chemicals, PH balanced & biodegradable. Some depend on plant-based enzymes to do the dirty work, others on plant-based oils and cleaners, and some combine both methods. Most natural laundry detergents avoid fragrances, for full hypoallergenic applications. Best of all, natural laundry detergents are easier on your clothes, as well as the environment and your skin.

Drying:

Line drying is Best, with dryers use LOW heat cycle. **DO NOT USE MTC DRYERS!**

Ironing:

If you must iron use lowest polyester/synthetic setting. Starch is ok to use.

Variables to Understand:

Washing- "Do NOT Dry Clean" Clothing protected with Permethrin.

Soaps- "lye" makes a difference of protection- Neutral PH is the Best option.

Drying- Commercial dryers, Outside hanging and Sunlight ALL degradate clothing.

(note: Once dry cleaned, clothing loses Repellency.)

Light- Sunlight has a factor on degradation of materials

Weather degradation- Body perspiration, Travel situations and clothing usage all are part of the factor on degradation of material.

***EPA explanation on clothing-** Clothing as it is washed and dried loses lint fibers. It has been determined by the EPA that 70 washings of a piece of clothing is considered "Thread Barren" or "Wore Out". With this in mind, Clothing properly applied with Permethrin will have a loss of protection just by clothing wearing out.

EPA REG #81402-2 EPA EST # 5693-MA-1

Bed Bug Safety

Using a Travel Sheet that is Pre-treated is your BEST safety factor.

Use Spray on Permethrin on Beds before making them and receive weeks of protection. Spray on carry bags, Shoulder bags & Luggage for weeks of bug Repellency. For *dry clean only clothing* treat every 6 to 8 weeks for protection.

For short trips: Use Bed Bug Patrol (Clove oil, Peppermint oil & Sodium Lauryl Sulfate... ie. Soap). Spray on mattress and have 14 days of protection, kills bugs and eggs.

Missionary option where available: (otherwise use above product) Use Permethrin aerosol spray on Scripture bags, shoulder bags and Dry clean only suits to prevent the spread of bed bugs. Use a single application every 6 to

8 weeks of Permethrin aerosol spray. © 1983-August 2017

6 wash protection: Pour ½ oz. of concentrate into bottle OR bag, Add 18 ounces of water. Spray to dampen OR soak for 2 hours or more. Hang and dry.

From CDC Website: Prevention is by far the most effective and inexpensive way to protect oneself from these pests.

*Testing procedures for International Clothing Protection were conducted at the Utah Davis Mosquito Abatement under their directions