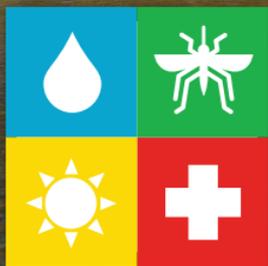


SAWYER®

WHAT YOU NEED TO KNOW

WATER / REPELLENTS / SUNSCREEN / FIRST AID



WE KEEP YOU OUTDOORSSM

f t i @sawyerproducts

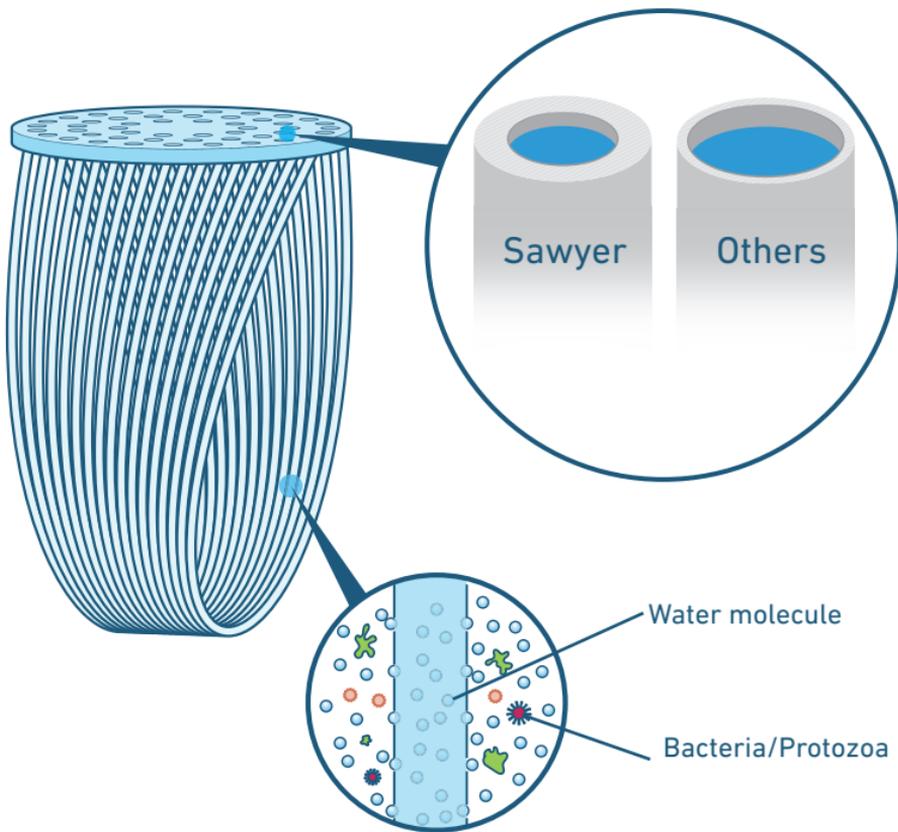


SUPERIOR DESIGNS MAKE BETTER FILTERS

What makes Sawyer filters perform so well? Fiber wall thickness, inner diameter of the fibers, flow direction, and absolute micron size. These make the Sawyer difference.

Sawyer's 0.1 micron absolute filters house a cluster of micro-fibrous tubes which use similar technology found in medical dialysis. As water passes through the side walls of the tubes, harmful bacteria and protozoa are trapped on the outer walls so you can be confident your water is safe to drink.

Hollow Fiber Membrane



A FILTER FOR ANY SITUATION, ANYWHERE.

Whether you're using the MINI Filter, Micro Squeeze, or Squeeze Filter, Sawyer's threaded Hollow Fiber Membrane filters can be used a variety of different ways to filter water fast and easy.



1. Squeeze Filter on a pouch
2. MINI Filter inline
3. Micro Squeeze on a standard 28mm plastic bottle
4. MINI Filter as a straw
5. Micro Squeeze on the Sawyer Select S1 Filter
6. Dual Threaded MINI on the 1 Gallon Gravity Bladder
7. Squeeze Filter on a bucket
8. Squeeze Filter filling a hydration pack



SAWYER SELECT™ FILTERS AND PURIFIERS

The Sawyer Select™ systems combine Sawyer's signature 0.1 micron absolute Hollow Fiber Membrane filter with a high-tech foam core inside the bottle to remove virtually all contaminants found in fresh water, including heavy metals, viruses, chemicals, pesticides, bacteria, and protozoa. They also improve taste and odor.

HOW THEY WORK:

A combination of activated carbon and other proprietary ingredients are embedded inside the foam core which has a usable surface area 50 times greater than traditional carbon block filters. This results in higher removal rates of contaminants than any portable filter or purifier, with minimal effort and wait time.

REMOVAL RATES:

The three Select systems reduce chemicals down to 0.5 parts per billion (up to 40 times lower than the EPA's maximum recommended level) and reduce pesticides down to 0.01 parts per billion (400 times lower than the EPA's maximum).

The Select S2 and Select S3 models go even further, purifying contaminated water from suspect sources:

- Select S2 filters out 99.99% of viruses
- Select S3 filters out 99.99% of viruses and reduces heavy metals such as copper, arsenic, and mercury down to 0.5 parts per billion (up to 260 times lower than the EPA's maximum).

REPLACEMENT UNITS ALSO AVAILABLE

HOW TO USE



1 Fill the bottle to the Max Fill line, then screw the filter back onto the bottle.



2 Squeeze the bottle in an alternating motion for 10 seconds.



3 Drink directly from the filter or dispense water into another container.

S1



REMOVES
BACTERIA
PROTOZOA
CHEMICALS
PESTICIDES
TASTE & ODOR

1,600 USES
(20 OZ PER USE)

S2



REMOVES
BACTERIA
PROTOZOA
CHEMICALS
PESTICIDES
TASTE & ODOR
+VIRUSES

800 USES
(20 OZ PER USE)

S3



REMOVES
BACTERIA
PROTOZOA
CHEMICALS
PESTICIDES
TASTE & ODOR
+HEAVY METALS
+VIRUSES

400 USES
(20 OZ PER USE)

SAWYER INTERNATIONAL

Sawyer water filters are being used by millions of people in over 80 developing countries for their daily clean water needs. Our simple to use, effective and easily transportable systems are the most commonly used portable filtration system in natural disasters, refugee camps, and by non-profits doing development work.

Story from the field:

With the help of Sawyer filters, Liberia will be the first developing country with clean water, border to border, in every household by December of 2020. Sawyer filters will bring clean water to the last 20% of rural Liberia that everyone said was impossible to reach.

Visit [SAWYER.COM/INTERNATIONAL](https://www.sawyer.com/international) to learn more or text SAWYER to 41444 to get involved.



HOW MOSQUITOES FIND YOU

Ever wonder why mosquitoes are more attracted to some people than others? Researchers have speculated that human skin produces 300 or more chemicals, and every person is different.

Some species of mosquitoes are more aggressive than others but all mosquitoes are attracted by carbon dioxide (exhaled breath), lactic acid, and many other human emissions. So, the mix your body is giving off may or may not be more attractive to a mosquito. There are many different types of insect repellents and by trial and error you can find the one that works best for you.

Permethrin treated clothing and fabric should be your first line of defense for mosquitoes, ticks, and many other insects.



PERMETHRIN CLOTHING AND GEAR INSECT REPELLENT TREATMENT

Permethrin is the synthetic version of pyrethrum which is a natural insecticide that comes from the chrysanthemum flower. Sawyer permethrin is **odorless** and effective for **6 washings or 6 weeks** of UV exposure, whichever comes first.

- Repels and kills mosquitoes, ticks, chiggers, mites, and 55 other insects on contact.
- Effective against mosquitoes which may carry Zika, Yellow Fever, Dengue, West Nile, and Malaria.
- Effective against ticks which may carry Lyme Disease, Rocky Mountain Spotted Fever, and the Powassan Virus.
- Permethrin will not stain or damage clothing, fabrics, plastics, finished surfaces, or any of your gear.

THINGS TO TREAT:

Clothes, socks, tents, backpacks, sleeping bags, hammocks, mosquito nets, hats, bandanas, camp chairs, patio furniture, luggage, fishing vests, waders, bed sheets, car seats, cargo liners, and more. Since mosquitoes are better hoppers than flyers, adding more Permethrin-treated landing surfaces around you will improve your protection.



TIPS FOR BEST RESULTS WITH PERMETHRIN

- Shake up the bottle really well and apply in a well ventilated area.
- Hand wash and air dry if possible to preserve the application. If using a washing machine wash on gentle wash and dry cycles.
- Storing garments in dark plastic bags between uses helps preserve the application.
- If it is too cold to effectively dry your treated clothing try placing them in a non-tumbling or pre-heated dryer 10 minutes after treatment.

FAQ's

- **How much is needed per outfit?** The EPA recommends using 4.5oz of Permethrin per outfit. An outfit consists of a shirt, pants, and pair of socks.
- **Is there a permethrin treatment that I can throw in the washing machine?** No, there never has been. You do not want to dump excess permethrin down the drain so you would not want to apply it in the washing machine.
- **Do I need to wash my clothes after treating them with Permethrin?** After the treatment has been applied and fully dried, the treated clothing or garments will be ready for use and do not need to be washed.
- **Will permethrin interfere with waterproofing?** No, permethrin will not harm waterproofing or damage any finishes. It just has a harder time bonding to waterproof materials that are more tightly woven.

For more info visit WWW.SAWYER.COM/PERMETHRIN



PERMETHRIN AND DOGS

Sawyer Permethrin Insect Repellent can be applied to dogs and help control mosquitoes and fleas for 35 days and ticks for 6 weeks (including Ticks which can carry Lyme disease, Powassan, and Rocky Mountain Spotted Fever) and lice.

- Start spraying at the tail, moving the dispenser rapidly and making sure that the animals entire body is covered, including the legs and underbody.
- While spraying, fluff the hair so that the spray will penetrate to the skin.
- Make sure spray wets thoroughly, but do not saturate animal.
- Do not spray into eyes and face.
- Avoid contact with genitalia.
- Wear rubber gloves or mitts when applying this product.
- Do not use on puppies under twelve weeks.
- Consult a veterinarian before using this product on debilitated, medicated, aged, pregnant or nursing animals.
- Do not use on cats or kittens.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Learn more at [Sawyer.com/dogs](https://www.sawyer.com/dogs) or for product questions and emergency information call 800-940-4464



REPELLENT: TIPS AND TRICKS

For the best protection, after treating clothing and gear with Permethrin, apply a topical repellent to exposed skin.

Repellents create a vapor barrier atop skin which masks or scrambles the signals of attraction that humans emit. They make it tougher for mosquitoes to locate their target.

- Bugs bite most between dawn and dusk. Be extra bug-vigilant then.
- Camp or take breaks in breezy areas. Mosquitoes have trouble tracking targets in windy conditions.
- When using sunscreen and insect repellent, apply sunscreen first and let dry before applying a repellent. Typically lotion repellents work better with sunscreens.
- Eat garlic- mosquitoes and unwanted friends will want to stay away from you!



PICARIDIN INSECT REPELLENT

Derived from Piperine in pepper plants, Sawyer Picaridin is a synthetic replica of a natural solution that has proved to be very effective on mosquitoes, ticks, and flies. It is actually more effective on flies than DEET and is gear safe. It will not damage things like plastic, fishing line, lures, watches, sunglasses and synthetic fabrics.

Sawyer's 20% Picaridin spray is effective for up to 12 hours against mosquitoes and ticks, while the lotion is effective for up to 14 hours. Both provide up to 8 hours of protection against biting flies, sand flies, gnats, chiggers, fleas, and no-see-ums.



Sawyer Picaridin is available in a pump sprays, continuous BOV sprays, lotions, bulk sizes, and single use lotion packets.



LOW IMPACT REPELLENTS

Sawyer's eco-friendly BOV (Bag on Valve) continuous spray uses compressed air to dispense the repellent, so there are no propellents in the formula. It can be applied any direction, even upside down. Once it's used up, you can even recycle the can.

Picaridin is effective against mosquitoes which may carry the Zika Virus, West Nile Virus, Chikungunya, and Dengue Fever. It's also effective against ticks which may carry Lyme Disease, Rocky Mountain Spotted Fever, tick borne Encephalitis, and the Powassan Virus.

The non-greasy spray and lotion have a pleasant low odor that evaporates when dry, and is a great option for the entire family.

DEET INSECT REPELLENTS

For long lasting protection from ticks and mosquitoes, Sawyer offers a variety of DEET formulas to keep you protected.

Ultra30™- The non-greasy, odorless Ultra30™ Insect Repellent Lotion combines 30% DEET with a comfortable liposome base for up to 11 hours of protection. The liposome envelops the active ingredient, DEET, and slowly time-releases it as needed, thereby extending the effectiveness of the repellent.

MAXI DEET™ - Unless you're using a time-release DEET lotion, we recommend using 100% DEET rather than a lower percentage DEET spray or aerosol mixed with skin irritating alcohol. Instead of applying frequent applications of a lower percentage DEET, apply one long-lasting application of a higher concentration. Sawyer's MAXI DEET™ is available in pump sprays, and the eco-friendly BOV (bag on valve) continuous spray.

Controlled Release Family Formula - This 20% DEET lotion uses similar technology as Ultra30™ to slowly release DEET as it is needed. It's an excellent choice for parents who are concerned about their kids' exposure to DEET, particularly over the course of a week of backpacking or at summer camp. It's also ideal for anyone who requires repeated use of insect repellent.



OCEAN AND REEF FRIENDLY SUNSCREENS

Sawyer's new line of sunscreens use natural sunray blocking agents like zinc oxide and titanium dioxide which are ocean and reef friendly and give you long lasting protection.

HOW THEY WORK

Sawyer's Stay-Put sunscreens use a special bonding base technology to hold the sunray blocking agents deeper into the skin.

The Stay-Put formula was engineered to spread the same volume of lotion over a larger cubic area of skin, requiring less lotion per area of skin and producing a more comfortable, breathable feel, all while providing great all-day protection.

Sawyer sunscreens are available in SPF30, and SPF50.



SAM SPLINT™

The original, flexible, moldable field splint to immobilize almost any field wound

- Made from flexible aluminum alloy, the SAM Splint is reusable and ultra light.
- Bend a flat SAM Splint into a C curve and it becomes super strong and supportive.
- Multi uses: Make an emergency snow shovel or paddle, flame guard for stove and more.
- Radiolucent: You can keep it on during an X-ray.

Products by
SAM
MEDICAL

BLIST-O-BAN® ADHESIVE BANDAGES

Forget treating the blister, prevent the blister. The Blist-O-Ban® makes moleskin donut hole treatment kits, gels and sprays obsolete.

Blist-O-Ban® Adhesive bandages are synthetic blisters you place over your hot spots to prevent further rubbing/irritation.

They are waterproof, breathable and can be used during multi-day trips.

How it works



The bubble glides back and forth to absorb rubbing action, and prevents a blister.



EXTRACTOR® PUMP KIT

The lightweight, small, and reusable Sawyer Extractor® Pump Kit extracts venom and poisons from the bites and stings of snakes, bees, and more. The double chamber vacuum pump action is designed to provide powerful suction for the extraction of venoms and poisons without the need for scalpel blades or knives used in other kits. Because it's a pump — not a syringe — it's easy to use with one hand.

Successfully used for over 30 years, the Extractor® Pump is also a safe and useful first aid device for treating bee and wasp stings as well as spider, scorpion, fly, or mosquito bites.

It most effectively retrieves venom from extremities and areas of body outside muscle areas; effectiveness varies with the location of the bite.





HELP US CHANGE THE WORLD

f   @sawyerproducts