

The Sport Berkey® Portable Water Purifier

The **Sport Berkey®** portable water purifier is the ideal personal protection traveling companion – featuring the IONIC ADSORPTION MICRO FILTRATION SYSTEM. The theory behind this innovation is simple. The bottle's filter is designed to remove and or dramatically reduce a vast array of health-threatening contaminants from questionable sources of water, including remote lakes, streams, stagnant ponds, and water supplies in foreign countries where regulations may be sub-standard at best.

The Sport Berkey® Portable Water Purifier Utilizes IONIC ADSORPTION MICRO FILTRATION

The advanced technology was developed, refined, and proven through diligent, investigative research and testing performed by water purification specialists, researchers, and engineers. The media within the filter element removes contaminants by a surface phenomenon known as "adsorption" which results from the molecular attraction of substances to the surface of the media. As the bottle is pressed, the source water is forced through the filter. The quality and volume of media used, determine the rate of adsorption. The flow rate or time of exposure through the filter has been calculated to yield the greater volume removal of toxic chemicals caused by pollution from industry and agriculture. The exclusive filter also incorporates proprietary absorbing media that are impregnated into the micro-porous filter for the IONIC absorption of pollutants into the filter such as aluminum, cadmium, chromium, copper, lead, mercury, and other dangerous heavy metals.

The "Tortuous Path" of these pores gives it its unique characteristics. The **Sport Berkey®** Portable Water Purifier offers a convenient and portable filtration system using medical grade technology.

Note: If using a source of water that might contain extreme bacteriological or viral contamination, it is recommended that plain chlorine bleach or iodine be added to each refill before filtering. This will kill minute pathogens such as viruses. The disinfectant will then be filtered from the water entirely removing its odor color and taste.

Care and Use

Fill the **Sport Berkey®** Portable Water Purifier with water, screw on cap and tighten securely to eliminate leaks. Flush water through filter by pulling down lever, so that the straw is exposed, and squeeze water through filter and out the straw. Repeat this flushing process twice before drinking. This removes excess process dust from the filter. After 2 flushes, rinse the bottle and cap. Your filter bottle is ready for use. Enjoy!

Maintenance and Service

The **Sport Berkey®** Portable Water Purifier has a shelf life of 50 years. When the filter system will not be used for an extended period, remove filter and flush the unit with a chlorinated solution of 1/4 tsp. of per one half gallon of water. Allow parts to dry thoroughly with cap removed. Re-assemble and stow. Do not allow filter to freeze, do not place in microwave, and do not run hot water through filter.

Note: All the contaminants this filter has the ability to remove or reduce may not necessarily be in the user's water supply.



The Sport Berkey Portable Water Purifier eliminates and reduces:

- **Harmful Microscopic Pathogens:**
Ecoli>99.99999%,Cryptosporidium, Giardia and other pathogenic bacteria.
- **Toxic Chemicals>99.9%:**
Trihalomethanes,VOG's,detergentspesticides,etc..
- Radiologicals>99.9%: Radon 222
- Heavy Metals>99.9%: Aluminum, Cadmium, Chromium, Copper, Lead, and Mercury.
- **Unpleasant, tastes, odors, cloudiness, silt, sediment, andchlorine>99.9%**

This water purification product has been tested in accordance with the EPA Protocol for Microbiological Purifiers and ANSI/NSF 53 adapted for sport bottles.

REFILL CAPACITY

Water from any source: 160

Municipal Water: 640



www.berkeyfilters.com
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