

# BERKEY®

## PRODUCT CATALOG



### Berkey® Natural Purifiers The Ultimate in Water Purification

**Berkey® Natural Purification Systems are the World's Most Powerful and Economical Personal Water Purification Systems - Providing Reliable and User-friendly Water Purification in Both Normal and Hostile Filtration Environments.** Moreover, **Berkey®** systems are capable of purifying both treated water and untreated raw water from such sources as remote lakes, streams, stagnant ponds and water supplies in foreign countries, where regulations may be substandard at best. Perfect for everyday use and a must in hostile environments where electricity, water pressure or treated water may not be available.

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\* **HEALTHY** – **Berkey®** systems are far superior to other filtration systems because they remove harmful pathogenic bacteria, cysts and parasites as well as unhealthy chemical contaminants and impurities while leaving in the essential minerals your body needs. **Berkey®** systems produce virtually the most healthful, clean and delicious water available.

\* **CONVENIENT** – **Berkey®** systems assemble in minutes without tools, electricity, water pressure, or plumbing. What's more, they are simple to operate and maintain.

\* **ECONOMICAL** – **Berkey®** systems are easily the most economical water purification system you can own. Their unique design allows you to easily remove and re-clean the purification elements over and over again.

\* **POWERFUL** – **Berkey®** systems can easily purify ordinary tap water, yet are so powerful, they efficiently purify raw, untreated water from such sources as remote lakes and streams. What's more, **Berkey®** systems are the ideal water purification systems to have on hand in the event of unexpected emergencies such as blackouts, hurricanes, floods, earthquakes as well as local or national emergencies, when treated tap water may not be available.

\* **FLEXIBLE** – **Berkey®** systems are so convenient and easy to use, you can take them anywhere: on vacations, hunting & camping trips, college dorms and they are ideal systems for RVs and pleasure craft.

\* **ELEGANT** – The elegant high-grade polished 304 stainless steel design makes **Berkey®** systems an attractive addition to any kitchen or home yet each system is both rugged and durable.

\* **PROVEN HISTORY** – The high quality and effectiveness of the **Berkey®** system has stood the test of time. This gravity filtration system has been used by relief organizations such as UNICEF, the Peace Corps, Red Cross Societies Internationally, missionaries and relief workers in over 140 countries throughout the world.

*Berkey® Really is the Ultimate in  
Water Purification!*



PCAT 05-96

# INDEX

<u>Category/Item</u>	<u>Page</u>
ABOUT <b>BERKEY</b> <sup>®</sup> SYSTEMS	4
THE <b>BERKEY</b> <sup>®</sup> SECRET	6
TESTING YOUR SYSTEM	7
OUTDOOR PURIFICATION SYSTEMS	8
- <b>Sport Berkey</b> <sup>®</sup>	
- <b>Travel Berkey</b> <sup>®</sup>	
- <b>Berkey Light</b> <sup>™</sup>	
MULTI-USE PURIFICATION SYSTEMS	12
- <b>Big Berkey</b> <sup>®</sup>	
- <b>Royal Berkey</b> <sup>®</sup>	
- <b>Imperial Berkey</b> <sup>®</sup>	
- <b>Crown Berkey</b> <sup>®</sup>	
REPLACEMENT/SPECIALTY ELEMENTS	16
- <b>Black Berkey</b> <sup>®</sup> Purification Elements	
- <b>Berkey</b> <sup>®</sup> PF-2 <sup>™</sup> Elements	
- <b>Sport Berkey</b> <sup>®</sup> Replacement Elements	
ACCESSORIES	20
- <b>Berkey</b> <sup>®</sup> Base	
- <b>New Millennium LED</b> Flashlights	
- <b>The Berkey Battery Adapter</b> <sup>™</sup> Case	
- <b>Berkey MP Solar</b> <sup>™</sup> Charger	
-KDF Shower Filter	
PREPAREDNESS PRODUCTS	27
-1-year Food Storage Kit	
-Potassium Iodate	
-Prudent Places	
-Sheltering In Place	
REPLACEMENT PARTS	31
- <b>Berkey</b> <sup>®</sup> Replacement Kits & Parts	

## About **Berkey**<sup>®</sup> Systems

Now you can enjoy virtually the Most Delicious, Freshest, Healthiest drinking water possible for only pennies a day...

**Berkey**<sup>®</sup> Natural Purification Systems are the ultimate in water purification and the ideal personal protection and traveling companions. Used worldwide for normal, hostile and emergency environments to provide the purest, sparkling clean water possible...

For generations, health-conscious people around the world have recognized that the foundation to a healthy life and healthy body is clean, fresh drinking water. This important essential molecule is the basis for enjoying your longest, healthiest life. No amount of vitamins or supplements can substitute for the vital life-sustaining properties found in nourishing, healthful drinking water. It is truly the foundation of life.

Unfortunately, securing your access to good tasting, sparkling, wholesome drinking water can be harder than you might expect. Water is often laced with chlorine, lead, high levels of harmful bacteria, and other unwanted chemicals and contaminants. Frequently these produce unpleasant tastes and odors. Even bottled water can contain these same contaminants, and moreover it is very expensive. Other filtration systems are inferior. Most do not remove pathogenic bacteria and many remove the beneficial minerals that your body needs.



Perhaps that's why **Berkey**<sup>®</sup> systems have long been recognized as the world's ultimate in water purification. This simple, highly effective method of using gravity was developed almost 200 years ago... yet it still produces some of the finest, most healthful drinking water available.

These powerful systems purify both treated water and untreated raw water from such sources as remote lakes, streams, stagnant ponds and water supplies in foreign countries, where regulations may be substandard at best. Perfect for outdoor activities and a must in hostile environments where electricity, water pressure or treated water may not be available.

**Berkey**<sup>®</sup> systems remove pathogenic bacteria, cysts and parasites entirely and extract harmful chemicals such as herbicides, pesticides, VOCs, organic solvents, radon 222 and trihalomethanes. They also reduce nitrates, nitrites and unhealthy minerals such as lead and mercury.

**Berkey**<sup>®</sup> systems are so powerful they can remove food coloring from water without removing the beneficial minerals your body needs. Virtually no other system can duplicate this performance.

### How **Berkey**<sup>®</sup> Natural Water Purifiers Operate

To use, water is poured into the upper chamber. Gravity draws this water through the exclusive purification elements where contaminants are captured on and within these micro-porous elements where they are separated from the water. The purified water then collects in the lower chamber where it can be drawn through the spigot. What's more, **Berkey**<sup>®</sup> elements are re-cleanable and can be used over and over again.

## The **Berkey**<sup>®</sup> Secret

Have you ever wondered how **Berkey**<sup>®</sup> purification systems remove pathogenic bacteria, cysts and parasites while extracting chemicals including herbicides, pesticides, organic solvents, VOCs, detergents, cloudiness, silt, sediment, foul tastes and odors? Or, how **Berkey**<sup>®</sup> systems are able to reduce heavy metals such as cadmium, chromium, copper, lead, mercury, aluminum and other dangerous heavy metals without removing the healthful and beneficial minerals that your body needs?

The unique **Berkey**<sup>®</sup> design combines the age-old process of micro-porous filtration coupled with modern state-of-the-art technology and the highest quality materials to bring you the finest water purification system available anywhere. The micro-pores within the self-sterilizing and re-cleanable **Black Berkey**<sup>®</sup> purification elements are so small that pathogenic bacteria are simply not able to pass through them. The media within the elements remove contaminants by a surface phenomenon known as "adsorption" which results from the molecular attraction of substances to the surface of the media. The exclusive purification elements are also impregnated with proprietary "absorbing" media that promote IONIC "absorption" of pollutants within the micro-porous elements.

Another reason **Berkey**<sup>®</sup> systems are so effective in removing contaminants from water is the extremely long "contact period". Other filtration systems rely on water pressure that forces water molecules through the filter elements at 60-90 PSI. These water molecules come into contact with the filter media for a mere fraction of a second. By comparison water molecules, passing through the "Tortuous Path" structure of the **Black Berkey**<sup>®</sup> purification elements, are drawn gently by gravity and stay in contact with the media for a long period of time. This allows the filter media to be more efficient in capturing contaminants. For example, if you were to hurl 100 steel ball bearings at a large magnet, some would stick but most would bounce off. However, if you were to walk over and gently place the ball bearings on the magnet most, if not all, would adhere to the magnet. **Berkey**<sup>®</sup> systems fully utilize this principle.

This advanced technology was developed, refined, and proven through years of diligent, investigative research and testing performed by water purification specialists, researchers and engineers. The flow rate or time of exposure through the exclusive **Black Berkey**<sup>®</sup> purification elements has been calculated to yield the greatest volume removal of toxic chemicals and pathogenic bacteria found in nature and caused by pollution from industry and agriculture.

## TESTING YOUR SYSTEM

So powerful, Berkey® systems are able to remove food coloring from water without removing the beneficial minerals your body needs. Virtually no other system can duplicate this performance.



Because the **Black Berkey®** purification elements are powerful enough to remove food coloring from water; this feature allows you to test your system to make sure it is operating properly. Simply fill the upper chamber with water and add a tablespoon of food coloring for each gallon

capacity of your **Berkey®** system. If the food coloring is removed entirely, your purification system is working properly. If not, check to make sure that the wing nuts on your elements are securely tightened, then re-run the test. We recommend this test be done upon first use and subsequently at six-month intervals.

## Outdoor Purification Systems

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 and streams, stagnant ponds and water supplies in foreign countries where regulations may be sub-standard at best.



Item Code: **SPRT**

This water filtration product has been tested by the University of Arizona and by Spectrum Labs 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

The **Sport Berkey®** Portable Water Purifier eliminates or reduces:

- **Harmful microscopic pathogens:** E-coli >99.99999%, Cryptosporidium, Giardia and other pathogenic bacteria.
- **Toxic chemicals > 99.9%:** Trihalomethanes, VOCs, detergents, pesticides, etc.
- **Radiologicals: > 99.9%:** Radon 222
- **Heavy metals > 99.9%:** Aluminum, Cadmium, Chromium, Copper, Lead, and Mercury.
- **Unpleasant taste and odors, cloudiness, silt, sediment and chlorine > 99.9%.**

# Travel Berkey®

The compact **Travel Berkey®** system is the perfect system for use during travel and any outdoor activities or during unexpected emergencies.



The **Travel Berkey®** system is constructed of highly polished 304 stainless steel. The system comes complete with two purification elements and utilizes the latest technological advances. This system has a storage capacity of about 1.5 gallons and when in use it stands 18" in height with a diameter of 7.5". The upper chamber nests within the lower chamber for transport and stands only 12" in height.

Configured with two **Black Berkey®** purification elements the system will purify up to 2<sup>3/4</sup> Gallons per hour\*.

*\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines*

Not yet available in Iowa

Item Code: **BT2X2BB**

# Berkey Light™

The GO Anywhere, **GLOW** Anywhere, Water Purifier

The **Berkey Light™** system is designed for use during travel, outdoor activities and during unexpected emergencies.

The shatter resistant and virtually unbreakable **Berkey Light™** system is made of high impact strength Lexan® which, ounce for ounce, is stronger than steel. In fact, this is the same material used for making bulletproof glass. The **Berkey Light™** system does not leach foul tasting plasticizers into your water and will not retain foul tastes and odors from waterborne contaminants. As the system purifies, it produces the delightful and relaxing sound of falling raindrops. When used with the **Berkey Light™** LED Base, these water droplets light up and glow and the resulting waves reflect soothing patterns of light onto the surrounding area. The lighting effects coupled with the melody of raindrops, combine to create a unique and relaxing atmosphere.



So powerful, this system is able to remove food coloring from water without removing the beneficial minerals your body needs. Virtually no other system can duplicate this performance. The revolutionary **Berkey Light™** self-sterilizing and re-cleanable elements purify water by removing pathogenic bacteria, cysts and parasites entirely and by extracting harmful chemicals such as herbicides, pesticides, VOCs, organic solvents, radon 222 and trihalomethanes.

They also reduce nitrates, nitrites, sediment and unhealthy minerals such as lead and mercury. The system comes complete with a base and two **Black Berkey®** purification elements and will purify up to 4 Gallons per hour\*.

*\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines*



Nighttime view with LED base

Daytime view with LED base

### The LED Base

The base has an optional LED lighting system, available in practical white or beautiful cobalt blue, allowing for optimum use day or night. Incredibly, the **Berkey Light™** LED lamps have an average life of over 11 years of continuous use and are so bright the white LED's can be spotted for more than a mile in the dark, yet they require very little energy. The adaptable **Berkey Light™** LED lighting system is designed for long-term use even when electrical power is not available. The LED lamps can be powered by the AC adapter (*included with LED base*) when electricity is available, or by the internal rechargeable batteries (*included with LED base*). When power is not available, the **Berkey Battery Adapter™** case (*optional*) provides an incredible two weeks of nighttime light from four small AA alkaline batteries and the **Berkey MP Solar™** charger (*optional*) provides for an endless source of power. This makes the **Berkey Light™** system the ideal camping-light and emergency light. What's more, the detachable base can be used as a stand-alone emergency flashlight.

Not yet available in Iowa

<b>Berkey Light™</b> with Plain Base	– BL
<b>Berkey Light™</b> with Blue LED Base	– BLB
<b>Berkey Light™</b> with White LED Base	– BLW

## Multi-Use Purification Systems

### Big Berkey®



The versatile **Big Berkey®** system is the ideal system for use at home with small or medium sized families, travel, and outdoor activities or during unexpected emergencies.

The **Big Berkey®** system is constructed of highly polished 304 stainless steel. The system comes complete with two purification elements and utilizes the latest technological advances. This system has a storage capacity of about 2.25 gallons and when in use it stands 19.25" in height with a diameter of 8.5". The upper chamber nests within the lower chamber for transport and stands only 13" in height.

Configured with two **Black Berkey®** purification elements the system will purify up to 3<sup>1/2</sup> Gallons per hour\*. This system can be expanded to use four purification elements and is capable of purifying up to 7 Gallons per hour\*.

\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines

Not yet available in Iowa or California

Item Code: **BK4X2-BB**

## Royal Berkey®



The versatile **Royal Berkey®** system is the ideal system for use at home with large families, travel, and outdoor activities or during unexpected emergencies.

The **Royal Berkey®** system is constructed of highly polished 304 stainless steel. The system comes complete with two purification elements and utilizes the latest technological advances. This system has a storage capacity of about 3.25 gallons and when in use it stands 23" in height with a diameter of 9.5". The upper chamber nests within the lower chamber for transport and stands only 15 1/4" in height.

Configured with two **Black Berkey®** purification elements the system will purify up to 4 Gallons per hour\*. This system can be expanded to use four purification elements and is capable of purifying up to 8 Gallons per hour\*.

*\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines*

Not yet available in Iowa or California

Item Code: **RB4X2-BB**

13

## Imperial Berkey®



The versatile **Imperial Berkey®** system is the ideal system for use with small to medium sized groups, at home, churches, hospitals, orphanages, for outdoor activities or during unexpected emergencies.

The **Imperial Berkey®** system is constructed of highly polished 304 stainless steel. The system comes complete with two purification elements and utilizes the latest technological advances. This system has a storage capacity of about 4.5 gallons and when in use it stands 25.75" in height with a diameter of 10". The upper chamber nests within the lower chamber for transport and stands only 17" in height.

Configured with two **Black Berkey®** purification elements the system will purify up to 5.5 Gallons per hour\*. This system can be expanded to use six purification elements and is capable of purifying up to 16.5 Gallons per hour\*.

*\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines*

Not yet available in Iowa or California

Item Code: **IMP6X2-BB**

14

# Crown Berkey®



The versatile **Crown Berkey®** system is the ideal system for use with medium to large groups, at home, churches, hospitals, orphanages, outdoor activities or during unexpected emergencies.

The **Crown Berkey®** system is constructed of highly polished 304 stainless steel. The system comes complete with two purification elements and utilizes the latest technological advances. This system has a storage capacity of about 6 gallons and when in use it stands 30" in height with a diameter of 11". The upper chamber nests within the lower chamber for transport and stands only 20" in height.

Configured with two **Black Berkey®** purification elements the system will filter up to 6.5 Gallons per hour\*. This system can be expanded to use eight purification elements and is capable of purifying up to 26 Gallons per hour\*.

*\*Flow rate calculated with upper chamber full to top. Flow rate decreases as water level declines*

Not yet available in Iowa or California

Item Code: **CRN8X2-BB**

15

## Replacement/Specialty Elements

### Black Berkey® Purification Elements



No need for expensive disposable filters. **Black Berkey®** purification elements are re-cleanable. When the flow rate decreases simply brush the **Black Berkey®** purification elements with a ScotchBrite® pad under running water, reinstall and your system is again ready to purify water. Each durable and efficient purification element will last for up to 3,000 gallons (6,000 gallons per set of two) and provide years of efficient water purification. What's more, the unique **Black Berkey®** purification elements are self-sterilizing.

**Black Berkey®** Purification Elements are more powerful than any other gravity filter element currently available. In fact, we tested the **Black Berkey®** purification elements with more than 10,000 times the concentration of pathogens per liter than is required by standard test protocol. This concentration of pathogens is so great that the post filtered water should be expected to contain 100,000 or more pathogens per liter (*99.99% reduction - the requirement for pathogenic removal*). Incredibly the purification elements removed 100%. Absolutely no pathogens were cultured from the effluent or were able to be detected, even under an electron microscope, setting a new standard in water purification. **Black Berkey®** purification elements are so powerful they can remove food coloring from water without removing the beneficial minerals your body needs. Virtually no other filtration element can duplicate this performance.

The **Black Berkey®** purification element formulation has been tested by State & EPA accredited laboratories to exceed EPA 7 ANS/NSF (Std.53) protocol. Tested by the University of Arizona, Spectrum Labs, the Department of Toxicology and Environmental Science, Louisiana State University.

16

**PATHOGENIC BACTERIA CYSTS AND PARASITES**

removal to non-detectable levels:

E. coli – Klebsiella - Pseudomonas Aeruginosa – Giardia – Cryptosporidium

**TRIHALOMETHANES removed to below detectable limits:**

Health effects: muscle & nervous system disorders, cancer  
Bromodichloromethane – Bromoform – Chloroform – Dibromochloromethane

**RADIOLOGICALS removed to below detectable limits:**

Radon 222

**INORGANIC MINERALS removed to below detectable limits:**

CONTAMINANT  
Chlorine Residual

HEALTH EFFECTS  
cancer, birth defects

**VOLATILE ORGANIC COMPOUNDS (VOC's) removed to below detectable limits:**

Alachlor, Atrazine, Benzene, Carbofuran, Carbon Tetrachloride, Chlorine, Chlorobenzene, Chloroform, 2,4-D, DBCP, p-Dichlorobenzene, o-Dichlorobenzene, 1, 1-Dichloroethane, 1, 2-Dichloroethane, 1, 1-Dichloroethylene, cis-1, 2-Dichloroethylene, Trans-1,2-Dichloroethylene, 1, 2-Dichloropropane, cis-1,3-Dichloropropylene, Dinoseb, Endrin, Ethylbenzene, Ethylene Dibromide (EDB), Heptachlor, Heptachlor Epoxide, Hexachlorobutodiene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, MTBE, Pentachlorophenol, Simazine, Styrene, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene, Toluene, 2,4,5-TP (Silvex), 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, Trichloroethylene, o-Xylene, m-Xylene, p-Xylene.

**HEAVY METALS reduced by up to 95%:**

CONTAMINANT

Lead  
Mercury  
Aluminum  
Cadmium  
Chromium  
  
Copper

HEALTH EFFECTS

kidney, nervous system damage  
kidney, nervous system disorders  
respiratory, nervous system disorders  
kidney damage  
liver, kidney, circulatory system disorders  
gastro-enteric diseases

**ALSO REMOVES OR REDUCES:**

Nitrates, Nitrites, Rust, Silt and Sediment

The powerful **Black Berkey®** purification elements also remove or reduce pathogenic cysts, parasites, harmful or unwanted chemicals such as herbicides and pesticides, VOCs, detergents, organic solvents, trihalomethanes, cloudiness, silt, sediment, nitrates, nitrites, heavy metals, foul tastes and odors, yet they leave in the healthful and beneficial minerals that your body needs.

# Berkey® PF-2™ Fluoride and Arsenic Reduction Elements

PF-2™ reduction elements are designed for use in conjunction with Black Berkey® water purification elements to “adsorb” the following unwanted elements found in drinking water.

- Fluoride
- Arsenic V and pre-oxidized Arsenic III
- Other residual heavy metal ions

### TECHNICAL INFORMATION

**FLUORIDE:** Testing for fluoride was based on 20-30ppm of the ion in the influent aqueous solution at a flow rate of no more than 3 gpm per cubic foot of media. Results of < 1ppm of the fluoride ion in the effluent were typical for the media (>95% reduction). Under optimum conditions, effluent concentrations of less than 50 ppb were readily achieved (>99.75% reduction).

**ARSENIC:** This product uniquely targets the entire family of arsenic oxide anions as well as the arsenic cations.

### REPLACEMENT

Under normal conditions it is recommended that each set of two PF-2™ elements be replaced after 1,000 gallons\* (The **Royal Berkey®** system is about 3.25 gallons therefore the PF-2™ filters should be replaced after 1,000/3.25 or 307 refills. If the system is refilled about one time per day, the PF-2™'s should be replaced after 10 months, if the system is refilled about twice per day, the PF-2™'s should be replaced about every five months).

\* Actual capacity is dependent on the presence of other competing contaminants in the source water. High levels of Fluoride, arsenic and heavy metals may reduce the capacity and efficiency of the elements.



Item Code: PF-2

Existing gravity filter systems can be upgraded. **Black Berkey®** purification elements fit most gravity filter systems, vastly improving their ability to remove contaminants.

Item Code: BB9-2

## Sport Berkey® Replacement Elements

The **Sport Berkey®** replacement purification elements feature the IONIC ADSORPTION MICRO FILTRATION SYSTEM. This filter is designed to remove and/or dramatically reduce a vast array of health-threatening contaminants from questionable sources of water, including remote lakes and streams, stagnant ponds and water supplies in foreign countries where regulations may be sub-standard at best.

The “Tortuous Path” structure of these pores gives it its unique characteristics. 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. This 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 Sport Berkey® Replacement Purification Element eliminates or reduces:**

- **Harmful microscopic pathogens:** E-coli >99.99999%, Cryptosporidium, Giardia and other pathogenic bacteria.

- **Toxic chemicals > 99.9%:** Trihalomethanes, VOCs, detergents, pesticides, etc.

- **Radiologicals: > 99.9%:** Radon 222

- **Heavy metals > 99.9%:** Aluminum, Cadmium, Chromium, Copper, Lead, and Mercury.

- **Unpleasant taste and odors, cloudiness, silt, sediment and chlorine > 99.9%.**

This water filtration product has been tested by the University of Arizona and by Spectrum Labs 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

Item Code: **SPTREP**

## Accessories

### **Berkey® Base**

The **Berkey® Base**; made of transparent durable Lexan® polymer (*the same material used to make bulletproof glass*) enables containers to fit under the spigot of most gravity filtration systems. This allows the gravity filter to be used directly on the ground or situated anywhere on a flat surface and eliminates the requirement that the filter be placed on the edge of a table or counter. The base has an optional eight-lamp LED lighting system. This allows optimum use during no or low light conditions. Used with the transparent **Berkey Light™** system, the light shines through the water causing the droplets of filtered water to light up and glow.

The LED lamps within the base are the perfect night light and the ultra bright white LED's are bright enough to provide a long lasting low energy source of reading light, emergency light, a camping light and a beacon for water in no or low light conditions. The LED lamps are directional so the base can also be used as a stand-alone emergency flashlight.

The height of the **Berkey® Base** is 5.125” and the diameter is 8 5/8”.

The base is currently available in three versions;

1) Without lights. *Note: this base is recommended for use with the **Berkey Light™**, **Travel Berkey®** and **Big Berkey®** systems.*

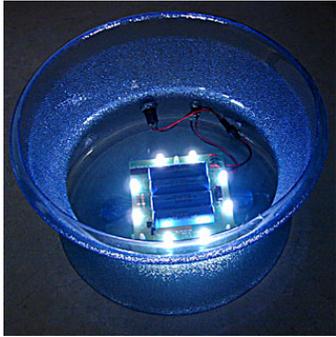
2) With ultra bright white lights.

3) With beautiful cobalt blue lights. *Note: the bases with LED's are recommended for use with the **Berkey Light™** and **Big Berkey®** systems. However, they are not recommended for use with the, **Travel Berkey®** system.*



The LED lamps can be powered by the internal rechargeable batteries (*included with LED base*), the AC adapter (*included with LED base*), the **Berkey Battery Adapter™** case (*optional*) and the **Berkey MP Solar™** charger (*optional*).

The flexibility of the **Berkey® Base** allows for its use as a long-term source of lighting in environments where electrical power is unavailable. Where electricity is available, the AC adapter allows for continuous use. The bright LED lamps have an average life of 100,000 hours, which is more than 11 years of continuous use.



LED lights are unique in that they require very small amounts of energy and yet are very bright; in fact, the LED's can be spotted for over one mile in dark environments. This enables the LED to be illuminated all night long on a single charge of the internal rechargeable batteries. The **Berkey® Base** comes complete with an AC adapter allowing the base to be powered by a standard AC current. When the LED's are switched off, the AC adapter automatically begins

recharging the batteries. When utilizing the optional **Berkey Battery Adapter™** case, the low energy LED's will provide light (8 hours per night) for approximately **two weeks** on a single set of four AA alkaline batteries. Incredibly, you get two weeks of emergency light for the price of one set of small AA batteries. When standard electrical power is unavailable, the optional **Berkey MP Solar™** charger can be used to recharge the **Berkey® Base** batteries during daylight hours for later use at night. The **Berkey MP Solar™** charger also has its own internal batteries which can also be used to power the **Berkey® Base** or other applications.

The base without LED's is designed for situations where elevation of the gravity filter is desired without the need for any auxiliary lighting. Cobalt blue is designed with beauty in mind and is for use in situations where it is desirable to enhance the ambience of the surrounding atmosphere. It is simply beautiful. The ultra bright white LED's are designed for practical use in situations where emergency or auxiliary lighting may be required. The lights are bright enough to be useful as a reading-light, night-light, flashlight or room-light.



Description/Light Color	Item Code
<b>Ultra Bright White Berkey® Base</b> (Recommended for Berkey Light™ and Big Berkey® Systems)	<b>BBW</b>
<b>Cobalt Blue Berkey® Base</b> (Recommended for Berkey Light™ and Big Berkey® Systems)	<b>BBB</b>
<b>Berkey® Base</b> without LED lights (Recommended for Berkey Light™, Travel Berkey® and Big Berkey® Systems)	<b>BB</b>

## New Millennium LED Flashlights

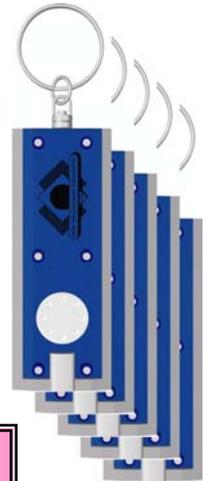
### Five Pack: New Millennium Super Bright Micro Light

The L.E.D. Super Bright Micro Light packs quite a punch for an item so small in size. An ideal key chain because of its size and lightweight, the Super Bright Micro Light fits comfortably in one's pocket. You'll be surprised at how much light this little light projects!

#### FEATURES & BENEFITS

- Super Bright White LED
- Swivel Key Ring
- Long Lasting Lithium Batteries
- 5 Year Shelf Life
- Compact, Powerful, and Reliable
- Push Button Switch
- Brightest Whitest LED Diode...Lasts 100,000 Hours!!!
- Over 23 hours of continuous light, years of intermittent light with 2 Lithium Button Cell Batteries included (refillable) CR 2016-3V
- Size 2 3/4" x 1" x 3/8"

Item Code: **K1**



### New Millennium LED Flashlight

Our LED flashlight and two LED bulb Headlamps come equipped with our Smartlite feature. A touch of a button allows the user to alternate between 100% power, 50% power, 25% power, slow flash, and fast flash. This feature offers the user the ability to conserve burn time by choosing the amount of light necessary at a given time (100%, 50%, 25%)... while the two flash modes are ideal for emergency situations.



## FEATURES & BENEFITS

- 5 Function Smartlite Switch
- 3 AAA Batteries Included
- Battery Power Meter
- Operated by a Patented PCB 5 Function Switch
- Up to 700 Hours of Continuous Burn Time
- 1 Nichia® Diode (Brightest White Diode) - Never Replace Bulbs
- Hours of Operation From OFF Position at 2 Second Intervals:
- Press Once – 162 Hours at 100% Brightness,
- Press Twice – 324 Hours at 50% Brightness,
- Press Three Times – 700 Hours at 25% Brightness,
- Press 4 Times – Slow Flash, Press 5 Times – Fast Flash.
- End Hanger Hook

Item Code: K2

## New Millennium 2 LED Headlamp

Our LED flashlight and 2 bulb LED Headlamp come equipped with our Smartlite feature. A touch of a button allows the user to alternate between 100% power, 50% power, 25% power, slow flash, and fast flash. This feature allows the user to conserve burn time by choosing the amount of light necessary for a given situation (100%, 50%, 25%)... while the two flash modes are ideal for emergency situations.



## FEATURES & BENEFITS

- 5 Function Smartlite Switch
- 3 AAA Batteries Included
- Battery Power Meter
- 2 White Nichia® Diode (Brightest White Diode) - Never Replace Bulbs.
- Up to 350 Hours of Continuous Burn Time
- Hours of Operation From OFF Position at 2 Second Intervals: Press Once 86 Hours at 100% Brightness, Press Twice – 172 Hours at 50% Brightness, Press Three Times – 350 Hours at 25% Brightness, Press Four Times – Slow Flash, Press Five Times – Fast Flash
- **Size** 3" x 2" x 1 1/8"
- Adjustable Head Strap

Item Code: K3

## Emergency Light Special

- 5 EACH. New Millennium Super Bright Micro Lights
- 1 EACH. New Millennium 2 LED Headlamp
- 2 EACH. New Millennium LED Flashlights
- 6 EACH AAA Nickel Metal Hydride (NMH) Batteries\*

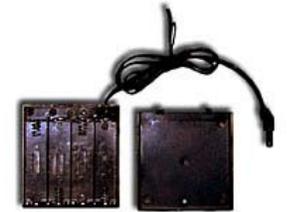
\*NMH Batteries can be recharged using the **Berkey MP Solar™** charger



Item Code: K123

## The Berkey Battery Adapter™ case

The **Berkey Battery Adapter™** case enables your **Berkey Light™** LED system to be powered by conventional AA alkaline batteries. Complete with on-off switch, the adapter provides backup power for your **Berkey®** LED systems. Using the **Berkey® Battery Adapter™** case, the low energy LED's will provide light, 8 hours per night, for approximately two weeks on a single set of four AA alkaline batteries. That's right; incredibly you get two weeks of emergency lighting for the price of one set of small AA batteries.



Item Code: ABA



## Replacement set of six AAA Nickel Metal Hydride (NMH) Batteries.

Can be used with New Millennium LED K-2 and K-3 Flashlights and charged with the **Berkey MP Solar™** charger.

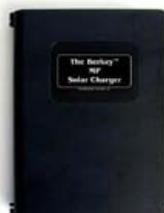
Item Code: BATAAA

## Berkey MP Solar™ charger

Length -7" Height -9" Width -1.12" Color: **Black**

Voltage Output Range: 6V, 7.2V, 12V

The **Berkey MP Solar™** charger – your environmental friendly source of free electricity from the sun. This portable system is book-size when folded and can easily be placed in a briefcase, handbag or glove compartment. The built-in battery cabin containing six rechargeable NMH batteries provides for a flexible and convenient source of auxiliary backup power at night or whenever sunlight is not available.



The **Berkey MP Solar™** charger is designed for use in conjunction with **The Berkey Light™ LED Base**. The **Berkey MP Solar™** charger can be used during the day to recharge the **Berkey Base's™** batteries for later use at night.

The **Berkey MP Solar™** charger can also be used to charge rechargeable AAA batteries for the New Millennium LED flashlight and headlight as well as a countless number of other applications, including mobile phones, disc (cassette) players, digital cameras, portable computers, PDA's, radios, shavers, etc. Its multi-voltage capabilities (6V, 7.2V and 12V), multiple adapters and six powerful Nickel Metal Hydride rechargeable batteries provide for a flexible and convenient source of auxiliary backup power at night or whenever sunlight is not available.



The **Berkey MP Solar™** charger is easy to use. Simply place the MP Solar Charger in a sunny location, select the proper voltage, plug in your application and the **Berkey MP Solar™** charger system begins charging. The built-in indicator light confirms the application is charging.



Disconnect your application and the system automatically begins charging its own powerful Nickel Metal Hydride rechargeable batteries and ... there's no guesswork because the "battery full" indicator light turns on when the batteries are fully charged. Simply plug your application into the outlet jack and your instant backup power source is ready for use.

Item Code: **SOLAR**

25

## KDF SHOWER FILTER with KDF-55

- Reduces up to 95% of chlorine
- Reduces chemical absorption and vapor inhalation
- Reduces 98% of water soluble heavy metals
- Contains bacteriostatic media (KDF-55)
- Reduces damage to hair and skin
- Eliminates foul tastes and odors
- Back Flush attachment to prevent premature clogging
- Reduces lime, scale, mold & fungi in showers



### OVERVIEW

The KDF Shower Filter will typically last 10,000 gallons or one year whichever comes first. The shower filter contains KDF 55 granules, which are most effective in removing or reducing chlorine, hydrogen sulfide, microorganisms, scale and water-soluble heavy metals such as lead, mercury, and iron. KDF process media also kill bacteria and inhibit the growth of bacteria, algae, and fungi. As an added benefit, KDF media reduce lime scale, mold, and fungi in your shower. KDF process media are completely safe so the process is not toxic and does not cause any adverse side effects.

### TECHNICAL INFORMATION

In the shower environment, chlorine can either be in liquid or gas state. At higher water temperatures in the enclosed shower stall, free-chlorine moves from the liquid to the gas state, where it vaporizes and subsequently is inhaled. Our KDF Shower Filter works on a similar principle to a Catalytic Converter in an automobile. In shower filtration free-chlorine is converted into a harmless chloride, too large to evaporate or be absorbed by the skin. Hospitals, restaurants, municipal water treatment facilities, and homes rely on KDF process media to safely reduce or remove free chlorine, iron, iron oxides, heavy metals, hydrogen sulfide and bacteria from their water.

KDF process media are high-purity copper-zinc formulations used in treatment applications to reduce heavy metals, hydrogen sulfide, microorganisms, and scale. Water filtered through redox media controls microorganism growth. Treating water reduces bacteria and other microorganisms by electron transport, causing cellular damage. KDF process media also kill bacteria by direct electrochemical contact and by the flash formation hydroxyl radicals and hydrogen peroxide, both of which interfere with a microorganism's ability to function. High-purity copper-zinc redox media consistently remove 99% of free chlorine by electrochemically reducing dissolved chlorine gas to water-soluble chloride ions. Redox media remove up to 98% of water-soluble cations (positively-charged ions) of lead, mercury, copper, nickel, chromium, and other dissolved metals. When filtered through KDF media, soluble lead cations are reduced to insoluble lead atoms, which are electroplated onto the surface of the media.

26

Item Code: **KDFSF**

# Preparedness Products

## The One-Year Food Storage Kit

The One-Year Food Storage Kit makes it possible to begin storing - or to custom tailor existing food storage preparations without spending a short-term fortune. The Food Storage Kit allows you to store familiar foods, do it over time and take advantage of special prices and sales at your local grocery store.

The price of most prepackaged storable foods can run five times the cost found in your local grocery store and often the shipping alone costs as much as the food itself. When you add it all together, you can easily save 90% of the cost of your food storage plan by simply doing it yourself.

The kit includes 250 one-gallon Mylar barrier bags, 300 oxygen absorbers and (while supplies last) Vicky Tate's book "Cookin' With Home Storage". Simply pick up extra rice, beans, popcorn, macaroni or other dry food's (the book is packed full of food item suggestions) while you're out shopping, place the food in a Mylar bag along with an oxygen absorber and simply seal the bag using your household iron. When you have filled all the bags, you will have approximately a fifteen-month supply of food for one person.



ITEM DESCRIPTION	ITEM Code
<b>The One-Year Food Storage Kit:</b>	<b>YFSK</b>
<u>ADDITIONAL COMPONENTS</u>	
ONE GALLON MYLAR BAGS (250 each)	<b>MY1G</b>
FIVE GALLON MYLAR BAGS (100 each)	<b>MY5G</b>
300 cc OXYGEN ABSORBERS (150 each)	<b>OXY300</b>

## Potassium Iodate - 85mg.

Potassium Iodate ( $KiO_3$ ) is a superior form of KI. Potassium Iodate will shield (or block) the Thyroid and prevent it from absorbing radioactive Iodine.

- Each factory-sealed bottle contains 200 fresh tablets of Potassium Iodate 85 mg.
- Because of the extra molecule of oxygen in Iodate, the shelf life of Potassium Iodate 85 mg is exceptional.
- Medical Corps recommends that each family member should have at least one bottle in their kit. Youngsters are extremely susceptible to thyroid cancer after exposure to radioactive contamination.
- Unlike other blockers, this is NOT government surplus 130-mg tablets of KI (potassium iodide).

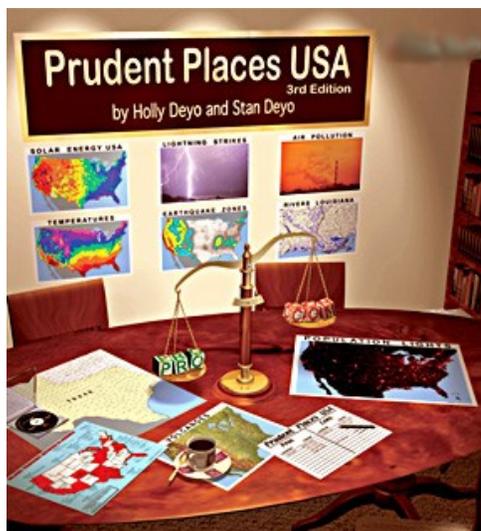
The latest news indicates that Nuclear Power plants, over 100 in our country, are at risk from a terrorist attack. A radiation leak from any one of these plants could be carried downwind for hundreds of miles, potentially poisoning thousands or even millions of people in large population areas. Unfortunately, a Nuclear Power Plant has over 100 times more radioactive materials than an Atomic Bomb, which can be released as fallout. One of the most abundant components released is Radioactive Iodine 131 that is then carried downwind for hundreds of miles. Thyroid cancer attributable to Chernobyl has been documented more than 300 miles from the accident site.



Very small amounts of inhaled or ingested Radioactive Iodine can do serious damage because it will always be absorbed and held in the thyroid gland. Eventually, by absorbing a large amount of radiation in the thyroid, abnormalities are likely to result, such as nodules in the thyroid, loss of thyroid function, or thyroid cancer. Taking Potassium Iodate ( $KiO_3$ ) in the event of fallout will saturate a person's thyroid gland with stable ("good") iodine, so the thyroid cannot absorb the Radioactive Iodine. Because the thyroid is saturated with the "good" Iodine, then the body quickly eliminates any Radioactive Iodine that is later inhaled or ingested. Potassium Iodate ( $KiO_3$ ) is now being stockpiled by many government agencies.

Item Code: **POT-I**

## Prudent Places USA



Prudent Places USA® is a collection of maps and data, which can help you locate the "prudent" places to be during these turbulent times. (Even if not relocating, you may learn things about the community you call home. Understanding the pros and cons, strengths and weaknesses will enable you to prepare for the unexpected.)

It covers 69 main topics within the following categories: Natural Disasters, Manmade Disasters, Environmental Concerns, Basics - The World Around Us, People and Places.

You'll find maps on the right column in the Table of Contents as well as additional information on the left. Within these chapter headings, you'll have access to 69 main topics. **Prudent Places USA®** contains over 550 maps, numerous information tables and photographs of America, plus a myriad of pertinent data. **Prudent Places USA®** is built to be visually enjoyable as well as informative and works on both Macs or PCs. **Prudent Places USA®** takes information to a county level — all 3,141 of them!

The maps are very large and must be presented in CD format. It does little good to give a broad stroke picture when there are pockets of preferred locations in nearly every county. Maps can be printed on transparencies and overlaid for a defining view of areas that interest you.

Item Code: **PPCD**

29

## "Sheltering in Place"

(Video in either VHS or DVD)

With the ongoing war on terrorism, many Americans are concerned about the possibility of a terrorist attack from a Weapon of Mass Destruction. Terrorism, the war on terrorists, chemical attacks, dirty bombs, fallout, biological attacks, anthrax; what if such an event was to occur, how would you protect you and your family? Most folks can't afford to build an underground shelter but, with a little know-how, you can use and prepare your home to be a shelter against fallout or a biological or chemical attack. It's much simpler than you might have imagined.



*"Sheltering In Place - Surviving Acts of Terrorism from Biological, Chemical and Radioactive Fallout"* was developed and directed by Wayne Labarron. Wayne has served as a health physicist, Director of Environmental Health, a communicable Disease Specialist (Central Utah Dist., Ret); he has

worked as a specialist for the US Government and has authored *"The Reluctant Survivors"* and *"Preparation for Nuclear Disaster"*. The video is presented by a housewife so, the instructions along with the visuals make the video so simple that anyone can follow the procedures to turn their home into a bona fide shelter during a crisis with the help of *"Sheltering in Place."* This video will walk you through the process, step by step, of preparing and setting up your home as a shelter against a potential terrorist attack. If you are pro-active and it's not your intention to depend on others to take care of you and your family during such an attack, then you need *"Sheltering-in-Place"*. Order now to learn the secrets of preparing and setting up your home as a shelter against a potential terrorist attack.

*Sheltering In Place - Surviving Acts of Terrorism from Biological, Chemical and Radioactive Fallout*

DVD Version  
VHS Version

Item Code: **SIP-DVD**  
Item Code: **SIP-VHS**

30

## Replacement Parts

### **Berkey®** Replacement Kits

Replacement Kit for **Berkey Light™** systems: Two Each: **Black Berkey®** Washers, Wing Nuts, and rubber plugs for blocking purification element holes. One Each: replacement Spigot and ScotchBrite® Pad.

Item Code: **RPKT-BL**

Replacement Kit for stainless systems utilizing **Black Berkey®** elements: Two Each: **Black Berkey®** Washers, Wing Nuts, and Poly blocking plugs. One Each: Spigot, Knob for Lid, Screw for Knob and ScotchBrite® Pad.

Item Code: **RPKT-SBB**

### Other Parts

-BLOCKING PLUG WITH WING NUT FOR PLUGGING UNUSED PURIFICATION ELEMENT HOLES IN STAINLESS STEEL SYSTEMS.

Item Code: **VPPPLUG**

-RUBBER PLUG FOR BLOCKING UNUSED PURIFICATION ELEMENT HOLES IN **Berkey Light™** SYSTEMS

Item Code: **XRP**

-PRIMING BUTTON FOR **Black Berkey®** AND PF-2™ PURIFICATION ELEMENTS

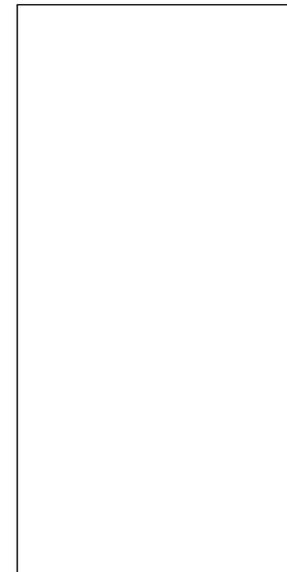
Item Code: **XXPB**

-REPLACEMENT SPIGOT FOR STAINLESS STEEL SYSTEMS

Item Code: **VSPGT**

-REPLACEMENT SPIGOT FOR BERKEY LIGHT SYSTEM

Item Code: **XBLSPGT**



*The  
Here's  
Information  
Requested!  
you*

**Healthy Clean  
Drinking Water**