

Sanitation Kit Detail

Overview:

- While the recommended amount of water to have is one gallon of water per person per day is the minimum standard for consumption it falls short of your hygiene needs. It only includes water for drinking and cooking. If you plan on consuming reconstituted freeze dried foods, you need to increase your daily limit.
- **NEVER EVER RATION DRINKING WATER!**
- It does not include an adequate supply of water as it overlooks you and your families needs for both short term and long term sustainment as we take into account our daily use and practices. As a bare minimum store at least 3 gallons of water per person, per day for your water storage plan.
- The bottom line is to store more water. We all don't know what challenges we may face so we recommend versatility our water storage. If you need to evacuate you feasibly cannot evacuate with 55 gallon water barrels.
 - Cases of bottled water for drinking and cooking.
 - Clean 2 liter soda bottles.
 - 5+ gallon water jugs.
 - 5+ gallon Mylar water bags, stored in a durable cardboard box.
 - 55 gallon drums to replenish (and a pump to extract it).
 - 225 gallon caged container of filtered and treated tap water stored in dark plastic wraps & tarps outside.
 - Consider containers that you wouldn't store drinking water in but you could store water for flushing the toilet, and you need to label it as non-potable.
- Refer to the Water Storage document in this library for treating water.
 - Filter debris
 - Boiling is the safest and most effective way to treat water.
 - You should have a whistling tea kettle in your sanitation kit and your cook kit!
 - Very rarely do I recommend or endorse products. I highly recommend the Alexa Pure countertop filtration system (by ReadyHour) to ensure our water is safe, especially water from an outside source, we filter it (remove larger debris), boil it, and then once it is cooled we run it through the AlexaPure The filters will remove heavy metals, bacteria, viruses, and more!
 - Use caution when using life straws. Find out what they will filter and what they won't filter. Many will not filter viruses.

Sanitation Kit:

- Build your kit starting with an adequate sized tote with a lid. The Rubbermaid® Roughneck tote and lid is very durable. Not only does this container provide a nice way to store sanitation supplies, but it doubles as a wash tub for clothes or washing cookware. Additionally, we recommend having smaller basins included for washing hands, or washing your face when you can't bathe as often as you do now.
- **Strive for redundancy in your kits.** Although you should have a toiletry bag in your 72-hour kit(s), you should have **bar soap** in a sealable soap container in your sanitation kit as well.
- **Doing Your Business:** You cannot escape it as mentioned earlier with enough water on-hand and city water supplies disrupted, and you are in your home, you can flush your toilet with a bucket of non-potable water that you labeled and stored.
 - Toilet seat with waste bags (Fold out frame)

- 5-Gallon Bucket with fitted toilet seat lid with waste bags (and saw dust)
- 5-Gallon Bucket with fitted toilet seat lid with waste bags and saw dust.
- Privacy: Shower / Restroom Tent
- Toilet Paper
- Plastic Refuse Bags to place used toilet waste bags, diapers, deter flies and insects, etc.
- Chemical Camping Toilet (Extra preparation is required-Specific Toilet Paper, chemicals and of course, extra water)
- Entrenching Tool / Collapsible Shovel
 - If you must squat dig a hole
 - Will garbage pick-up service be Available?
 - Bury garbage if necessary. Rodents, wildlife, and bugs love garbage.
- Mesh Laundry Bags: We sometimes use just a plastic bag for laundry while in the desert, however, laundry in a plastic bag may tend to get a little ripe. That "ripe" smell occurs when bacteria grows and produce their own excrement. Same thing on human skin. I want to shower just talking about it, so lets shower!
- Portable shower head by Ivation
 - Our Cook Kit and list lists a stock pot among other things
 - Heat the water safely to a warm temperature
 - It charges by a USB (it may need to be primed) turn it on and drop it in your warm water.
 - Wet, Shut it off, Lather, Rinse, repeat, Shampoo, Lather and repeat...
 - The portable Shower / Restroom tent has a mesh floor for water run-off so keep that in mind where you want or don't want water run off
 - This portable shower head works really well!
- JOOLCA NOMAD Hot Tap
 - Hot water on demand
 - Runs on a 20 pound propane tank
 - Sink and Shower amenities
 - All controlled by a switch on the faucet or shower handle
 - It can take water directly from a water source, (or water jug / container) filters it, and heats it. It has a thermostat temperature control. It operates via propane and a 12 volt power source.

- **Portable Tote / Tub with Lid**

- **Portable Toilet Seat**

***Seal all liquids in plastic Bags**

- **Paper Towels**

- **Toilet Paper**

- **Plastic Refuse Bags**

- **Mesh Laundry Bag(s)**

- **Water Filtration Pitcher**

- **Kleenex Tissues**

- **Hand Sanitizer**

- **Hand Soap with Case**

- **Liquid Hand Soap**
- **Quart Bottle of Plain Clorox Bleach** (Disinfectant, Sanitizing agent)
- **Rubber Gloves**
- **Shampoo**
- **Laundry Detergent**
- **Dish Soap**
- **Scrubbing Sponge & Steel Wool**
- **Hand & Dish Towels**
- **Bath Towels**
- **30 Gallon Garbage Bags**
- **Folding Shovel** (Mentioned Previously)
- **Clothes Line / Clothes Pins**
- **Utility Bucket**
- **13 Gallon Refuse Bags**
- **Portable Utility Tent**
- **Whistling Tea Kettle**
- **Portable Shower Head**
- **Water Purification Tablets** (In a pinch - NOT A FAN of purification tablets) Filter it, Boil it. Using your whistling tea kettle is the safest way to heat or boil water! Chemical disinfection of water is an acceptable alternative to heat sterilizing, but only if the water is clear. Disease-causing organisms, such as viruses, can "hide" inside the microscopic dirt particles that cause cloudiness in water. They can thereby escape the action of the disinfecting chemical and remain capable of producing disease.

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Chemical disinfection is less reliable than disinfection via boiling for several reasons. For example, the more organic matter there is in the water, the more chemicals are required. The colder the water is, the longer the "contact time" (the length of time between addition of disinfecting chemicals to the water and use of the water) should be. Additional factors affecting the success of disinfection include the amount and type of chemicals used, water pH (how acidic or basic the water is), and types of disease-causing organisms in the water.

Iodine Tables

Iodine tablets have the advantage of being more effective against amoebic dysentery cysts and certain other intestinal parasite cysts than chlorine-based disinfectants such as sodium hypochlorite or Halazone tablets. Sporting good stores commonly carry iodine tables. Be certain iodine tablets are fresh, since they lose effectiveness with age. Fresh tablets have a gray color. They have a shelf life of approximately 3–5 years unopened. The label should show an EPA registration number. Often iodine tablet containers carry labels recommending restrictions on use by pregnant or lactating women. Check the label before purchasing the tablets. Follow instructions on the label, mixing thoroughly and allowing adequate "contact time". The iodine tablet should impart a light yellow to tan color to the water and a slight odor.

Halazone Tablets

Halazone tablets (4 dichlorosulfamyl benzoic acid) for emergency water disinfection are commonly carried by pharmacies and drug stores. The label should show an EPA registration number. Be certain to note the expiration date since the shelf life is only about 2 years. According to the manufacturer: "It is important that the containers are tightly closed to prevent the absorption of moisture from the air. If decomposition of the tablets should occur, they take on a yellowish appearance, have a strong objectionable odor, and of course, should not be used".

A collection of emergency supplies for a portable toilet, including a STANSPORT Portable Toilet unit, a Utility Bucket, a Laundry Bag, a Shower/Utility Room kit, toilet paper, and various toiletries like soap, shampoo, and deodorant.



