

<https://www.superprepper.com/purify-water-with-iodine/>

Why Use Iodine to Treat Water for Drinking?

- It can easily be packed and carried in different forms such as liquid or tablets.
- Iodine has been known to be a quicker water treatment method than chlorine.
- It's Inexpensive.
- Iodine can kill bacteria and viruses with little effort.
- It's easy to apply.

How to Purify Water with Iodine

The Supplies You'll Need:

- **Two water bottles.** Really anything you're using to carry water around will be sufficient.
- **Iodine.** Can be in liquid, or tablet form.
- **An eye dropper.** If you're using liquid iodine this is necessary to allow quick and accurate dosing of the iodine.

The Steps:

1. **Locate an appropriate water source.** Preferably, you should source your water from a free-flowing stream or river, rather than stagnant pools, ponds, or lakes. This reduces the number of potentially harmful

microorganisms in your water. The clearer the water, the better it is. Avoid getting your water from locations where pesticides or weed killers may have run off, as iodine does not remove chemical contaminants.

- 2. Remove visible materials from the water.** To remove sticks, pebbles, leaves, mud, and other questionable matter, you'll have to pass your water through a piece of cloth, most likely your tee shirt or a bandanna.
- 3. Purify water with iodine.** If you're using liquid iodine, add 5 to 10 drops via an eyedropper to every one liter (or 20-40 drops per gallon) of water. Shake up the water, and let it sit an appropriate amount of time (described just below). If you're using iodine tablets, drop in one tablet for every liter of water. The correct amount of iodine needed varies on the conditions of the water. Clear, quickly flowing water will require less iodine than water that was cloudy or stagnant.
Water that is cool/cold: Mix with iodine for one hour if using liquid iodine, and two hours if using tablets.
Water that is warm/hot: Mix for a half hour if using liquid iodine, and one hour if using tablets.
- 4. Wait, then enjoy.** Give the iodine time to work its magic, and rejoice that you didn't have to pack in the water weight equivalent of a third-grade child. The iodine will have a funny taste and an orange coloring to it, don't worry as this is normal.