

How Do You Store Water Long-Term with Chlorine Dioxide?

To store water long-term with chlorine dioxide, activate 8 drops of Part A (Sodium Chlorite) + 8 drops of Part B (Activator), wait 30 seconds, then add to 1 gallon of water in a sealed container. Store in a cool, dark place. Always label the container with the date and “Purified with ClO₂.”

Step-by-Step Guide

1. Prepare the container

- Use a food-grade plastic or glass container with a tight seal.
- Avoid metal containers (can react with solution).

2. Activate the drops

- Add 8 drops Part A + 8 drops Part B in a clean glass.
- Wait 30 seconds until the amber yellow color appears.

3. Add to water

- Pour the activated mix into 1 gallon of clean water.

4. Seal & store

- Close the container tightly.

- Store in a cool, dark place (like a pantry or basement).

5. Label properly

- Write the date and mark “Purified with ClO₂” on the container.
-

Why It Works

Stored water can grow bacteria, algae, or biofilm over time. Chlorine dioxide is a powerful oxidizer that disinfects water and keeps it safe for months when sealed properly.

This is the same method trusted in emergency preparedness and municipal water treatment, and the same process used in 1NESS® Water Purification Drops, so you can be ready for power outages, travel, or natural disasters.

Related Question

Need to know how to make water drinkable on the go?

Read next: [How Do You Use Chlorine Dioxide for Drinking Water Purification?](#)