

Get the FACTS



Bleach from Olin. Because it's simple, and it works.



You know there's nothing more effective than the chlorine molecule for disinfecting and purifying water. That's why 98 percent of modern U.S. water treatment facilities use chlorine disinfectants to treat water, according to the American Water Works Association.

Odds are good that you've used chlorine gas for decades to treat your town's water, so you know about the power of chlorine. If you're thinking about updating your treatment technology, you should look closely at using delivered bleach from Olin Chlor Alkali Products:

- We know chlorine. We know bleach. And we know how to help you make the transition from gas to bleach smoothly.
- We are North America's largest manufacturer of industrial bleach.
- Our ability to provide you with a reliable supply of bleach is unsurpassed.
- The bleach we produce for use in water disinfection is registered by the U.S. EPA under FIFRA and by Health Canada under PCPA. It is certified to the quality standards of NSF/ANSI Standard 60, and meets the requirements of AWWA B300-10.
- Because of our size and capabilities, we can make delivered bleach economical and affordable for your operation.

The drawbacks of onsite generation

If you're considering alternatives, you might be looking at ultraviolet or ozone systems. You've already learned that these systems require a heavy capital investment. And if you use ozone or ultraviolet, you can't eliminate chlorine for drinking water; you still need it to protect the water as it travels through pipes to your customers.

It's possible that you're looking at onsite bleach generation, and it may sound good. But you need to know that onsite systems aren't always the simple, turnkey operations they're depicted to be. Think about the following:

Cost issues.

- Your upfront capital costs will be considerable.
- Your electricity bill will rise substantially.
- The process requires you to keep large quantities of high-purity salt and softened water on site.

Safety risks.

- The hydrogen you create through the process can create an explosion hazard.
- If the bleach generated isn't quite right, it may not be strong enough to fully disinfect and purify your drinking water or wastewater.

Performance and reliability concerns.

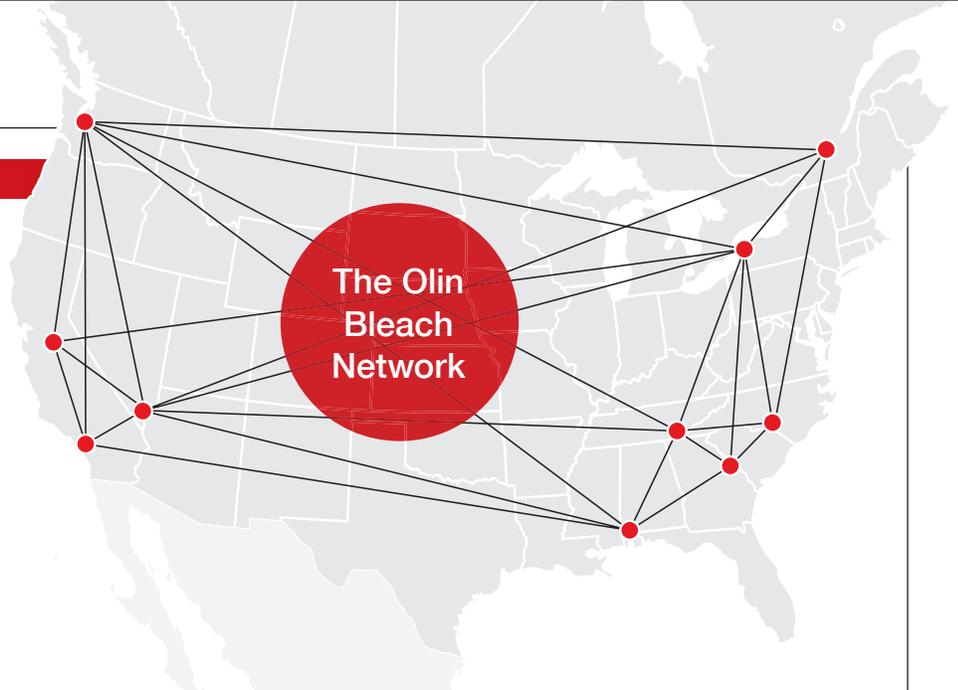
- Onsite systems can be temperamental and require lots of your attention.
- You'll have to monitor the system diligently to make sure your pH and temperature levels are always within the correct ranges.
- During cold times of the year, the water may require additional heating.
- You'll need generators and diesel fuel on site to be prepared for power failures.
- Anode coatings will fail in time and are costly to replace. Unexpected coating failures will most likely create extended periods of equipment down time and loss of disinfection capabilities.

Delivered bleach from Olin is your economical, reliable, worry-free solution.

The power of bleach from Olin

Olin has created an extensive bleach distribution network capable of delivering bleach from 10 plants in North America. We have a fleet of 300 rail cars and growing. Our proprietary rail-car technology enables us to deliver high quality bleach in a cost-effective manner to customer locations coast to coast. If you're unable to accept delivery by rail at your facility, we'll ship bleach to you by truck.

Our plants have the combined capacity to produce more than 300 million gallons of bleach annually and we can expand easily as demand increases. Our economics are good now, and they'll be even better as we phase in our new low-salt, high-strength technology that will allow us to deliver more active ingredient in each gallon of solution.



The bottom line is this:

Regardless of where you live in Canada or the continental United States, chances are that Olin can provide you a reliable supply of all the bleach you need for water treatment and disinfection. We can make it easy for you to make the transition. And we can do so at rates that are highly cost effective when compared with any other water disinfection or purification technology.

Olin bleach plants

- Augusta, GA
- Becancour, QC
- Charleston, TN
- Hamlet, NC
- Henderson, NV
- McIntosh, AL
- Niagara Falls, NY
- Santa Fe Springs, CA
- Tacoma, WA
- Tracy, CA

**The Bleach
EXPERTS**

Get in touch!

We have a great story to tell you, and we can show why you need to think seriously about delivered bleach from Olin. Take a minute right now to contact us. You and your customers will be glad you did.

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