

Bleach Disinfecting Spray

Always follow instructions on the bleach bottle label. Use the recipe below if the label does not have a disinfecting recipe.

| Concentration of Sodium Hypochlorite (active ingredient in bleach) | Amount of Bleach | Amount of Water |
|--|------------------|--------------------------------------|
| 5% to 9% Only use products with a concentration in this range. Concentrations are found on product labels: <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><p>ACTIVE INGREDIENT: Sodium Hypochlorite.....6.0% OTHER INGREDIENTS.....94.0% TOTAL.....100.0%</p></div> | 1/3 cup | 1 gallon |
| | 4 teaspoons | 1 quart (32 fl oz spray bottle) |
| | 2 teaspoons | 1/2 quart (16 fl oz spray bottle) |



Make or test solution daily

Diluted bleach solutions can become less effective after 24 hours. Bleach test strips can be used to test solution effectiveness.



Preclean with soap and water

Cleaning removes dirt and grime so germs can't hide from the bleach.



Keep wet for contact time.

Use a timer!

Keep surface visibly wet with solution for the time listed on the label. If not listed, keep wet for at least 1 minute.



Bleach can be dangerous if not used properly!

For questions, call the poison control hotline at 1-800-222-1222. Poison control centers are open 24/7. Seek medical attention immediately if you have been exposed and have any symptoms.

Checklist for Safe Use

- Always follow all label instructions.
- Wear waterproof gloves, glasses or goggles, and other protective clothing.
- Use on surfaces designated on label. Bleach can damage or not work well on certain surfaces.
- Ensure there is fresh air entering the room.
- Never mix bleach with other products.
- Wash hands after removing gloves.
- Clearly label containers and store in cool, dry place away from food, children, and pets.
- Do not use near children or people with asthma or other respiratory conditions.

Use on high-touch hard surfaces, bathrooms and diaper changing areas to destroy germs.



Examples: Door and cabinet handles, light switches, sign in stations, remote controls, diaper changing tables, potty chairs, countertops, sinks, faucets, floors, toilets and diaper pails.

We are here to help!

Contact Information
Oregon Choose Safe Places
Program
971-673-0970
Oregon.CSP@dhsosha.state.or.us

For More Information

- Check out our social media toolkit and YouTube videos to learn more about safe cleaning and disinfecting SafeCleaningToolkit.oregon.gov
- Visit our program website www.HealthOregon.org/choosesafeplaces

You can get this document free of charge in other languages, large print, braille or a format you prefer. Contact Mavel Morales at 1-844-882-7889, 711 TTY or OHA.ADAModifications@dhsosha.state.or.us

How can I pick safer disinfectants?

Certain disinfectants can have harmful health impacts. There are safer choices. Here are some tips to find a safer disinfectant during the COVID-19 pandemic:

- The EPA Design for the Environment (DfE) Antimicrobial Product Program has a list of disinfection products that use safer ingredients: <https://www.epa.gov/pesticide-labels/dfe-certified-disinfectants>. EPA's List N is a list of disinfectants that are expected to work against SARs-CoV-2, the specific coronavirus that causes COVID-19: <https://www.epa.gov/LISTNTOOL>.
- The best option is to filter the EPA's DfE list to show only those that are also on EPA's List N. If safer products are not available, bleach solutions will be effective against SAR-CoV-2 when properly mixed with water.

How is disinfecting with bleach during the pandemic different than what I was doing before?

Prior to the pandemic, you may have used a sanitizing bleach solution instead. Disinfecting solutions are more concentrated and may also require a longer contact time. Continue to sanitize, rather than disinfect, items that touch food and surfaces or items that may be mouthed by young children.

Can I use bleach disinfecting solution for cleaning bodily fluids?

Yes. Remember to still wear gloves and eye protection.

How do I dispose of bleach that is expired?

Bleach solutions that are mixed with water (diluted) can be safely disposed of in an indoor drain followed with lots of water. Bleach that is not already mixed with water (undiluted) can be taken to a county hazardous waste disposal facility or collection event.