

Un-Bleach Recipes 100% sodium percarbonate

People + planet safe | Those distancing themselves from known toxins and allergens found in commercial dishwasher detergents will find relief here. Our Un-Bleach is hypoallergenic and completely phosphate-free · phthalate-free · paraben-free · perfume-free · sulfate-free · parabens-free · 1,4-dioxane-free · petroleum-free · optical brightener-free · dye-free · filler-free · gluten-free · hormone disruptor-free · carcinogen-free — and simply Worry Free.

How Un-Bleach works | Un-Bleach is 100% Oxygen Bleach with no fillers like other brands. When mixed with water, it becomes a powerful solution that dissolves your stain's chemical bonds. Uncovering the original color and brightness, previously dulled by the stain. Surfaces and fabrics are restored to look as good as new!

Mama + Baby safe | Babies have sensitive skin that can easily become irritated by the residue left on their clothes, blankets, and cloth diapers from bleach and most commercial stain removers. Un-Bleach is made without harsh chemicals or added scents. Unscented is the best choice for babies because even a mild scent can cause them irritation. Unscented is also the safest for pregnant and breastfeeding mamas! To see our other unscented baby-safe products, visit [Mama + Baby Safe](#).

That said, like many other powders that are mineral- and peroxide-based substances, sodium percarbonate may cause irritation to skin, eyes, and lungs, and should never be ingested. It is also important to avoid inhaling any powdered product when applied or used to prevent breathing in the particulates.

We recommend using gloves and wetting any sodium percarbonate-based product during use.

Fully biodegradable | Un-Bleach will readily degrade after use, so it is grey-water and septic-safe. Its rinse water is non-toxic to aquatic life.

Laundry Pre-soak to help remove stains, deodorize and whiten items like clothing, menstrual pads, shoes, and diapers. Using a tub or bucket, add 1 ounce (2 TBSP) of Un-Bleach and soak in hot water (100 to 150°F) for at least 30 minutes up to overnight. Wash as usual.

For extra boost, you can add more Un-Bleach in regular wash cycle (see next step).

Regular Laundry Cycle without Pre-Soak.

1 oz (2 TBSP) for light soiled

4 oz (1/2 cup) for medium soiled

8 oz (1 cup) for heavy soiled

*Do not use on wool or silk

The “Go-To” Un-Bleach Cleaning Recipes (hard-surfaces)

General Cleaning: Mix 4 oz of Un-Bleach in a gallon of warm or hot water. (1 oz per quart).

Heavy Cleaning: Mix 8 oz of Un-Bleach in a gallon of warm or hot water. (2 oz per quart)

Soaks: Mix 2 to 8 oz Un-Bleach in a gallon of hot water.

Paste: Mix 1 to 2 ounces of Un-Bleach with just enough water to make a paste.

Un-Bleach Cleaning Recipes will remain active for 5 to 6 hours, after which they should be discarded. Unused material may be poured down the drain. It will actually help clean and deodorize your disposal or toilet.

Un-Bleach Cleaning Recipes are most effective when mixed and used in warm to hot solutions (100 to 150 F)

Carpet, Couches, Upholstery, Car Seats

To de-stain & deodorize, begin by mixing the General Cleaning Recipe. Remove as much of the dirt or stain liquid as you can. Spray Un-Bleach solution on spot, work into area with a brush, and let stand 5-10 minutes. Rinse thoroughly by pouring fresh water over spot. Blot up with a clean cloth or towel. Vacuum thoroughly when 100% dry. Always test for colorfastness before applying Un-Bleach.

Carpet Cleaning Machines

Add 1 oz of Un-Bleach per gallon of warm water in the solution tank

Curtains and Sheers

To de-stain and deodorize curtains/sheers that are yellow, dingy or smoke-stained, use the Heavy Cleaning Recipe and allow items to soak 30-60 minutes. Rinse thoroughly with fresh water and let dry.

Tile & Grout

Mix the General Cleaning Recipe. Saturate tiles and grout completely by pouring solution on floors or spraying/sponging on walls. For best results let it sit at least 60 minutes. Once grout is fully penetrated with Un-Bleach, scrub tiles and grout. Rinse away with clean water. Air dry. For large flooring of tiles, instead add the General Cleaning Recipe to mop water. Scrub tiles with mop. Let Un-Bleach mop solution sit for 30 minutes. Rinse away with clean water. Air dry.

Kitchen

Stained dishes, burned on-food, grimy baking sheets — add 1-2 ounces of Un-Bleach into to the container to be cleaned or into a dish soak and let sit for at least 15 minutes. Scrub away mess with hot water.

Drains — to keep your drains and disposals clear and smelling fresh add 1 ounce of Un-Bleach in 8 ounces of hot water and let solution to overnight in drain.

Refrigerator — eliminate mold, mildew, and other organic stains, mix 4 oz of Un-Bleach in a gallon of warm or hot water. (1 oz per quart). Apply with a soft cloth, let sit 10-20 minutes, then wipe and rinse thoroughly.

Cutting Boards, Tupperware, Countertops — mix a General Cleaning Recipe and apply with a soft cloth, squirt bottle or sprayer, let stand 5-10 minutes and rinse. For extra strong stains, soak item with the Un-Bleach extra strong solution for 15-20 minutes, rinse thoroughly.

Sponge soak — deodorize and remove stains in your kitchen sponge by soaking it in 1 teaspoon of Un-Bleach stirred into 2 cups of boiling water. Let the sponge sit until the water cools completely, then rinse it well and squeeze it dry.

Remove labels from jars — fill sink with hot water and add 1 ounce of Un-Bleach. Mix well before soaking jars in solution 1 hour.

Bathroom

Toilet stains — sprinkle 1-2 tablespoons of Unbleach into your toilet, wait 2 hours, and then scrub with a toilet brush and flush. For stubborn stains, leave Un-Bleach in overnight — don't use the toilet in the meantime.

Tub & Shower — Mix the Un-Bleach Paste Recipe and scrub it on the surface with a cloth or sponge, wait 15 minutes then rinse or use.

Mattress brightener — Dissolve 2 teaspoons of Un-Bleach in a spray bottle filled with 2 cups of cool water. Lightly mist mattress, but do not drench it. Wait 5 minutes before wiping it away with clean, dry cloth

Household

Cleaning mops — add 3 ounces to a gallon of hot water, soak overnight then rinse.

Mildew removal or to clean basement floors after water damage from flooding — add 4 ounces of Un-Bleach to a gallon of hot water, scrub surface, wait 30 minutes then rinse.

Litter box cleaning + deodorizing — spray them down with a General Cleaning Recipe, let sit for 20 minutes then rinse.

Urine, feces, or vomit stains on carpets or upholstery — add one teaspoon of Un-Bleach to 8 ounces of water, wipe onto stain, wait 10 minutes then rinse.

Blood Stains — Mix The Un-Bleach General Recipe, spray generously on mess, scrub well, let stand for at least 10 minutes, then rinse with cold water.

Fireplaces & Bricks — use a General Cleaning Recipe of Un-Bleach and apply to fireplace or bricks with a scrub brush or broom, allow to stand 10-20 minutes and rinse thoroughly with fresh water. Scrub before rinsing if necessary.

Fencing, Concrete, Siding, Wood Decks, and Stucco

Use the General Cleaning mix of Un-Bleach and apply with a clean lawn sprayer. Let stand 10-30 minutes, scrub if necessary and rinse thoroughly. Or mix the General Cleaning Recipe in a bucket and apply with a broom or brush, then scrub and rinse thoroughly.

Yard

For deodorizing garbage cans — add 1/2 ounce per gallon of water and let soak.

For lawn furniture — add 2 ounces to hot water, scrub, wait 15 minutes, then rinse.

For all-weather carpeting — add 4 ounces to a gallon of warm water scrub with a stiff broom, wait 20 minutes then rinse.

Camping, Sailing, Adventuring

To clean and deodorize coolers — add 2 ounces of Un-Bleach per gallon of hot water, soak for 20 minutes, then rinse.

For boat sails, cushions, ropes, camping gear, tents, tarps, etc. — add 4 ounces of Un-Bleach per gallon of hot water soak for 30 minutes then rinse.

Water Damage Cleanup & Mildew Removal

To remove mold and mildew prior to painting or to clean up water damage — mix the Soaking Recipe, apply to surface, and scrub with a brush or sponge. Let stand 20-30 minutes and rinse thoroughly.

Wedding Dresses, and Tennis Shoes

For wedding dresses and tennis shoes — use warm water and begin with begin by mixing a Light Cleaning Recipe (1 to 2 ounces per gallon). Soak 10-20 minutes, rinse thoroughly with fresh water and dry.

How about disadvantages?

Because it is so very concentrated, it is easy to use too much. It's tempting (and easy) to sprinkle some on a stain and scrub it in, when a much less concentrated form would likely do the trick. In many cases this is okay -- once in a while it could get you into trouble.

The usual cautions for hydrogen peroxide also apply to sodium percarbonate: check for colorfastness, keep it out of eyes.

After you mix it in water, the label cautions that you must not seal the container. The sodium percarbonate will continue to break down rapidly and release oxygen, and the container could burst!

It is recommended to mix it into HOT water. I tried mixing some into cold water, and it does work to mix into cold water, so it is not required that you use hot water -- but it mixes more easily into hot water.

I don't know anything about soda ash. It sounds innocuous, which proves nothing.

It is not regulated for use for food preparation or on skin (etc), so I don't know how "clean" it is. I would be reluctant to use it in my bath, for example. It may be that it is just as good as using hydrogen peroxide in the bath and for cleaning cuts, but I don't know. (But, wait, there's more to this story -- and maybe more to come? Check out this mouthwash made with sodium percarbonate!)

It takes some time to completely dissolve. If you're in a hurry, liquid peroxide is faster, since it doesn't need to "break down" into peroxide (it already is peroxide). Sodium percarbonate needs to break down to turn into peroxide (and soda ash).

If you think of sodium percarbonate as an alternative form of hydrogen peroxide, that pretty much covers it. It can be used for most of what hydrogen peroxide is used for, bearing in mind it is a powder, and breaks down into peroxide plus soda ash.

Oxygen bleach is better than chlorine bleach because:

1. It is safer for your health.

The health risks of chlorine bleach are too great as explained above. You still need to take care when using oxygen bleach, such as avoiding contact with eyes, wearing gloves if your skin is sensitive, not inhaling it, and keeping it out of reach of children.

2. It is safer for the environment.

Sodium percarbonate is an eco-friendly chemical which decomposes into oxygen, water and natural soda ash when it contacts with water making it biodegradable and septic safe (though it is not grey water safe due to the high salt content). It contains no phosphorous or nitrogen. We also note that Exit Mold ingredients are tested on rabbits (2. See excerpt of MSDS for Exit Mold at end).

3. Back to basics single ingredient.

Liquid commercial bleach that contains 12.5% sodium hypochlorite is considered a hazardous good and has restrictions around its transportation. Thus, with chlorine bleach designed for domestic use such as Domestic, sodium hypochlorite is diluted with other chemicals such as lauramine oxide, sodium laurate, sodium hydroxide, sodium silicate, and perfume. In contrast, Biome's Oxygen Bleach is so basic! Just 100% sodium percarbonate, with no fillers, SLS, fragrance, or preservatives. It is a stable powder that you mix at home with water.

4. Does not corrode the fibers of fabrics and clothes.

Oxygen bleach will not break down fabric fibers as will corrosive chlorine, but note that it is still not safe for delicate such as silk and wool. Use Oxygen Bleach in your ecofriendly laundry for removing stains and washing your clothes.

5. Safe on colors.

Oxygen bleach is safe to use on colored fabrics and will not bleach dyed fabrics as chlorine is likely to do. We do recommend to always patch test first as the fabric dyes may not be stable.

6. Oxygen bleach can be mixed with other cleaning products.

For example, you can add a few tablespoons of oxygen bleach to your washing along with a natural laundry liquid to provide a brightening boost. It can also be mixed with washing soda and bi carb.