

How to Make Strong (0.5%) Chlorine Solution from Liquid Bleach

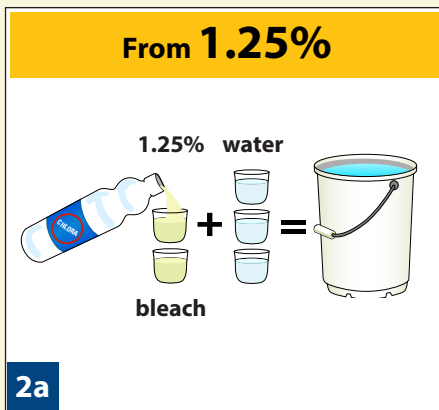
Accessible version: <https://www.cdc.gov/coronavirus/2019-ncov/global-covid-19/make-strong-chlorine-solution.html>

Use strong (0.5%) chlorine solution to disinfect surfaces and items contaminated with blood or body fluids. **Make new strong (0.5%) chlorine solution every day.** Throw away any leftover solution from the day before.

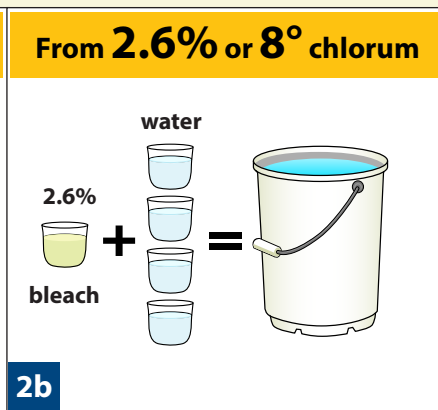
Proceed with **only one** of the following: **2a, 2b, 2c** or **2d**



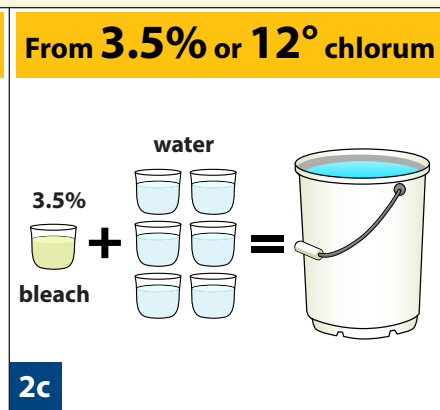
1
Make sure to wear **required PPE.**



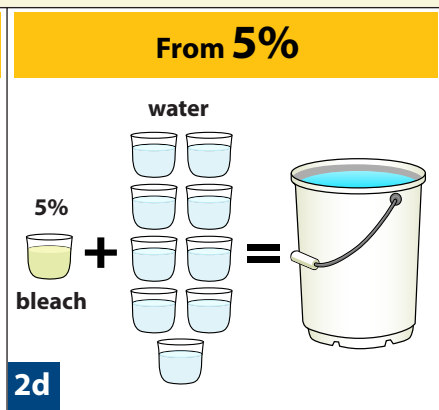
2a
From **1.25%**
Pour 2 parts liquid bleach and 3 parts water into a bucket. Repeat until full.



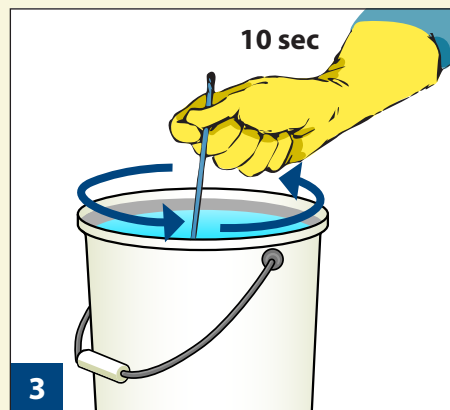
2b
From **2.6% or 8° chlorum**
Pour 1 part liquid bleach and 4 parts water into a bucket. Repeat until full.



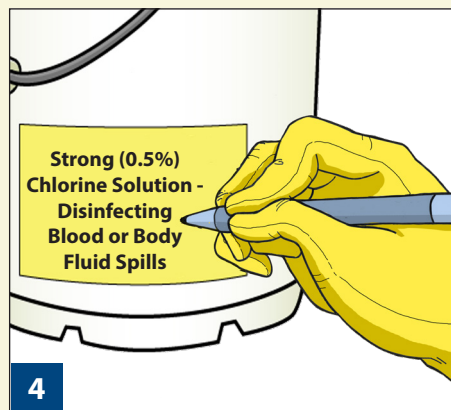
2c
From **3.5% or 12° chlorum**
Pour 1 part liquid bleach and 6 parts water into a bucket. Repeat until full.



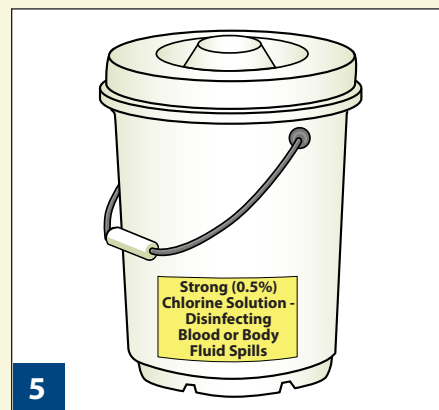
2d
From **5%**
Pour 1 part liquid bleach and 9 parts water into a bucket. Repeat until full.



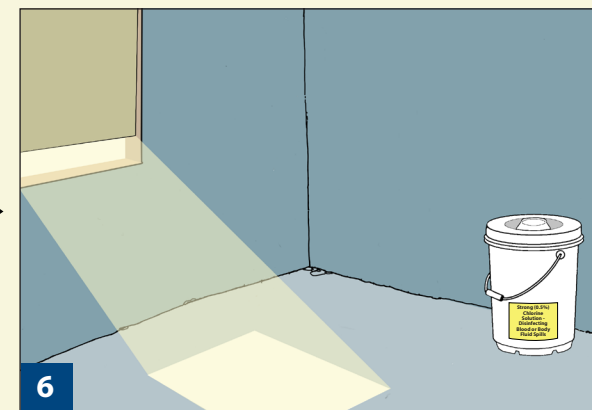
3
Stir well for 10 seconds.



4
Label bucket **"Strong (0.5%) Chlorine Solution - Disinfecting Blood or Body Fluid Spills."**



5
Cover bucket with lid.



6
Store in shade. Do not store in direct sunlight.

Supplies Needed

- Measuring cup or liter bottle
- Bucket with lid
- Water
- Liquid bleach
- Stick for stirring
- Label

WARNING

- Do NOT mix chlorine solution with other cleaning products.
- Do NOT put chlorine solution in mouth or eyes.

How to Make Strong (0.5%) Chlorine Solution from 70% Chlorine Powder

Accessible version: <https://www.cdc.gov/coronavirus/2019-ncov/global-covid-19/make-strong-chlorine-solution.html>

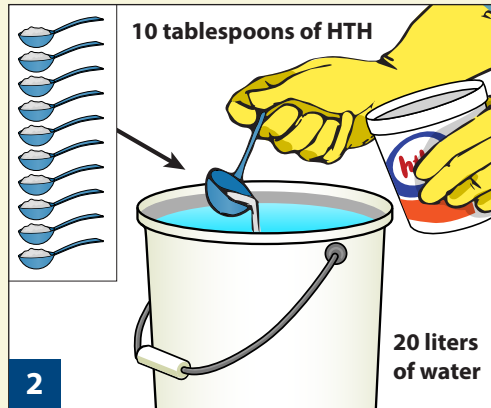
Use strong (0.5%) chlorine solution to clean and disinfect surfaces, objects, and body fluid spills.

Make new strong (0.5%) chlorine solution every day. Throw away any leftover solution from the day before.



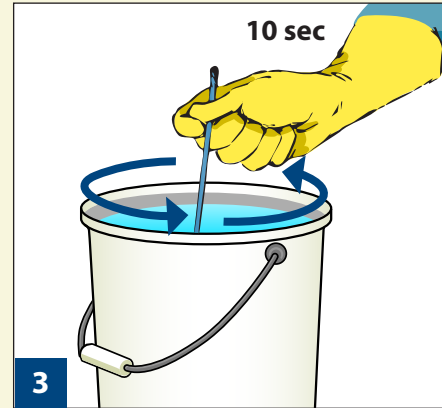
1

Make sure to wear **required PPE.**



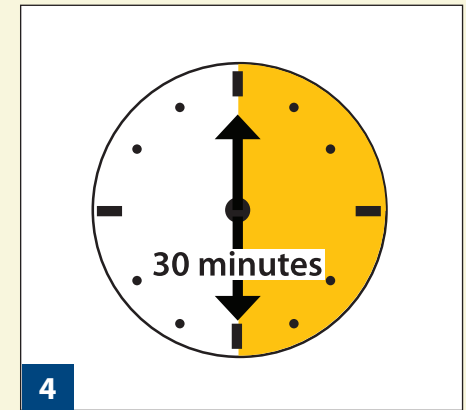
2

Add 10 tablespoons (150g) of high-test hypochlorite (HTH) (70% chlorine) to 20 liters of water in a bucket.



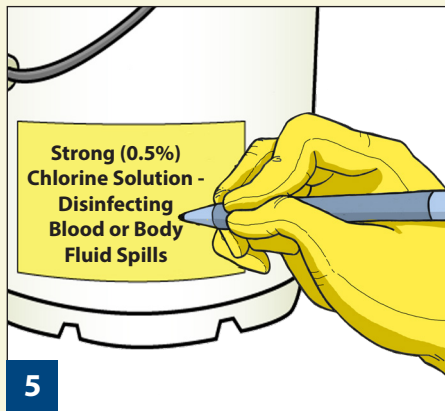
3

Stir well for 10 seconds, or until the HTH has dissolved.



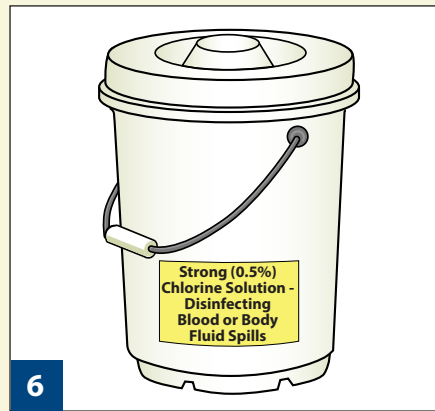
4

Wait 30 minutes before use.



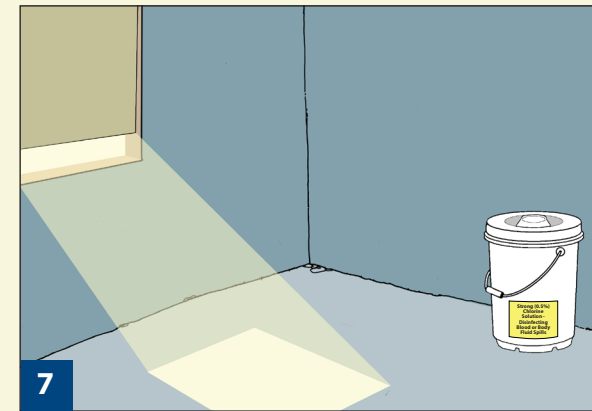
5

Label bucket **"Strong (0.5%) Chlorine Solution - Disinfecting Blood or Body Fluid Spills."**



6

Cover bucket with lid.




7


Store in shade. Do not store in direct sunlight.



WARNING



Do NOT mix chlorine solution with other cleaning products.



Do NOT put chlorine solution in mouth or eyes.