

How to make 0.1% chlorine solution to disinfect surfaces: Non-healthcare settings

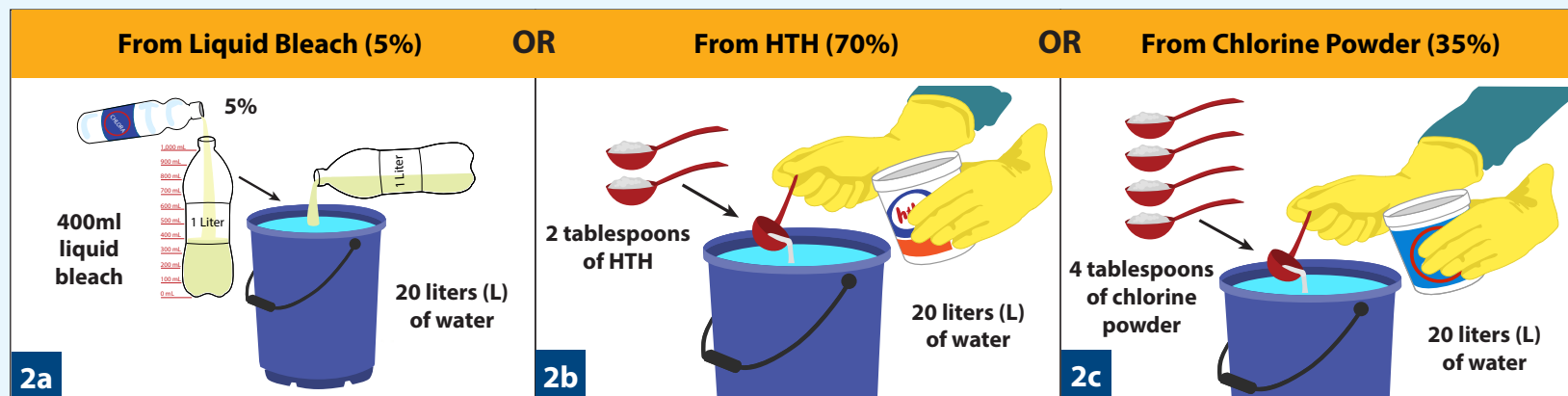
Use 0.1% (1,000 ppm) chlorine solution to disinfect frequently touched surfaces and items. **Make new 0.1% chlorine solution every day.** Safely dispose of any leftover solution in a latrine or toilet/drain connected to a septic system or sewer.

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



1

Make sure to wear **rubber gloves, a thick apron, closed toe shoes, a face mask and eye protection** such as safety glasses to avoid splashes..



2a

2b

2c

Step1: Pour 400mL of 5% liquid bleach into a clean 20-L bucket. **Step 2:** Fill bucket with water (or 1 part liquid bleach and 49 parts water for any volume)

Add TWO tablespoons (30g) of high-test hypochlorite (HTH) (70%) to 20-L of water in a bucket.

Add FOUR tablespoons (60g) of chlorine powder (35%) to 20-L of water in a bucket.

Note: For 10-L bucket, use half the quantity of chlorine specified.



3

Stir well with stick for 10 seconds, or until chlorine powder/granules have dissolved.



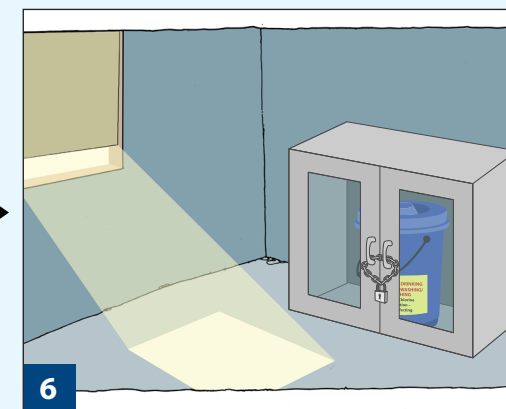
4

Label bucket "**NOT FOR DRINKING OR HANDWASHING/BATHING. 0.1% Chlorine Solution - Disinfecting.**"



5

Tightly cover bucket with lid.



6

Do not store in direct sunlight. Store supplies in a secured location, out of reach of children and away from fire/flames.



Supplies Needed

WARNING

Do NOT mix chlorine solution with other cleaning products or chemicals.

Do NOT put chlorine solution in mouth or eyes.

Seek medical attention if chlorine is ingested or breathing becomes difficult due to exposure.