

### **Session 2 Homework**

- 1. Assemble your own cold sanitation kit, real or mock.
- 2. Complete the online e-learning module.
- 3. Practice cleaning & sanitizing feeding items when only unsafe water is available.
- 4. Complete the evaluation for this session.

Additional handouts & resources follow.

#### 1. Assemble Your Own Cold Sanitation Kit



We all feel more comfortable teaching what we have done. To help with the next 2 tasks, create your own sanitation kit. While using real items is helpful, it is ok to use what you have on hand.

English:

safeinfantfeeding.org/app/uploads/2025/11/DIY-Sanitation-Kit-Components.pdf

- Use the DIY Sanitation Kit handout to help you assemble your kit.
- If creating a mock kit, gather items you can pretend to use while practicing.
- If you prefer, it is ok to omit bleach and use an empty bottle of some other kind to simulate the bleach step.

Spanish:

#### 2. E-Learning Module on Feeding Basics (Optional, Recommended)



This will review much of what we have discussed, and provide additional information and a scenario to practice what you have learned. Cost is \$10.

https://www.ncbfc.org/product-page/safe-training-feeding-basics

Video module © 2025 The University of North Carolina at Chapel Hill and North Carolina Breastfeeding Coalition.

Interested in licensing these materials for reuse or co-branding? Contact the University of North Carolina at Chapel Hill Office of Technology Commercialization at 919-966-3932, or email Harmen Steele at <a href="mailto:harmen.steele@unc.edu">harmen.steele@unc.edu</a>

# 3. <u>Practice cleaning & sanitizing feeding items when only unsafe water is available.</u>

We recommend practicing both the boiling and bleach methods, but practice at least one of them. Simulating the process while describing it aloud is fine, though do try to wait the recommended amount of time where indicated.



#### **SAFE Handout Booklet**

Contains more details on all the steps.
Use page 9 for reference on making water potable.
Pages 2-3 discuss cleaning & sanitizing.

https://safeinfantfeeding.org/app/uploads/2025/11/SAFE Feeding Visual Handouts Booklet SI F.pdf

Steps Using Boiling Method	Steps Using Bleach Method
<ol> <li>If water is not clear, filter.</li> <li>Make water potable (safe to drink).         Boil for 1 minute.</li> <li>Clean feeding items using safe water and dish soap. Rinse with safe water.</li> <li>Sanitize feeding items. Submerge in water, boil for 5 minutes. Remove items carefully.</li> </ol>	<ol> <li>If water is not clear, filter.</li> <li>Make water potable (safe to drink).         Use 8 drops bleach to 1 gallon (3.75         L) water. Wait at least 30 minutes.</li> <li>Clean feeding items using safe water and dish soap. Rinse with safe water.</li> <li>Sanitize feeding items. Soak at least 2 minutes in a solution of 1 tsp (5 mL)</li> </ol>
<ul><li>5. Air dry and store in a clean container used only for sanitized feeding items.</li></ul>	bleach in 8 cups or ½ gallon (2 L) of water.  5. Air dry and store in a clean container used only for sanitized feeding items.

### 4. Complete the session evaluation



To track your attendance and help us improve, please complete the short evaluation as soon as possible. This will allow us to verify your attendance for the certificate of completion at the end of the series. https://forms.gle/VeeMBUYYdXYzVJsXA

### Handouts, Links & Resources





### **SAFE Infant Feeding Quick Reference Guide**

This is the final version of the handout booklet we distributed in western NC after Helene. **Includes instructions for:** 

- Cleaning Feeding Items / Limpieza de Artículos de Alimentación Infantil
- Sanitizing Feeding Items / Desinfección de los Artículos de Alimentación Infantil
- Cup Feeding Infants / Alimentación con Vaso
- Hand Expression / La extracción de leche con las manos
- Powdered Formula Preparation / Fórmula Infantil Comercial en Polvo
- Supporting Chestfeeding/Breastfeeding in Stressful Situations / Apovo a la lactancia en situaciones estresantes
- Human Milk Storage Guidelines / Guía para almacenar la leche humana
- Formula Storage Guidelines / Guía para almacenar formula infantil

This booklet may be used in emergency response situations as-is, or co-branded with your organization contact information. https://safeinfantfeeding.org/app/uploads/2025/11/SAFE\_Feeding\_Visual\_Handouts\_Booklet\_SIF.pdf



### **Bleach Alternative Notes**

Notes and facts about cold water purification alternatives other than liquid bleach.

https://safeinfantfeeding.org/app/uploads/2025/12/Bleach-Alternatives-Notes.pdf



**Water Filters Meeting WHO standards** 

3 \*\*\* are better!

https://safeinfantfeeding.org/app/uploads/2025/12/WHO-Water -Treatment-Solutions.pdf

https://www.who.int/tools/international-scheme-to-evaluate-household-water-treatment-technologies/products-evaluated



## **Support the SAFE Team**

### **Our Services Include:**

- Public training programs like this one.
- Advice/guidance regarding IYCF-E in preparedness
   & emergency response.
- S3C Virtual Support Sessions for IYCF-E advocates.
- Custom training programs for organizations (fee)
- On-the-ground disaster response &/or training when invited & available.

Please donate to support this work.
Select SAFE Team.

SafeInfantFeeding.org

### **References**

- Aunchalee E.L. Palmquist, PhD, MA, IBCLC, Presentation, Foundations of Lactation Counseling, Jan. 2022
- CDC. (2024b). *Infant and Young Child Feeding in Emergencies Toolkit*. Infant and Child Feeding in Emergencies. <a href="https://www.cdc.gov/infant-feeding-emergencies-toolkit/php/index.html">https://www.cdc.gov/infant-feeding-emergencies-toolkit/php/index.html</a>
- CDC Breastfeeding Data Survey <a href="https://www.cdc.gov/breastfeeding-data/survey/results.html">https://www.cdc.gov/breastfeeding-data/survey/results.html</a>
- CDC. Food, Drinking Water, and Medicine Safety in a Radiation Emergency (April 15, 2024). <a href="https://www.cdc.gov/radiation-emergencies/safety/food-drinking-water-medicine-safety.html">https://www.cdc.gov/radiation-emergencies/safety/food-drinking-water-medicine-safety.html</a>
- CDC. How to Clean Infant Feeding Items During Emergencies (Jan 8, 2025). https://www.cdc.gov/infant-feeding-emergencies-toolkit/php/how-to-clean-infant-feeding-items-during-emergencies.html
- CDC. How to Make Water Safe in an Emergency | Water, Sanitation, and Hygiene (WASH)-related Emergencies and Outbreaks (Sep 19, 2024). https://www.cdc.gov/water-emergency/about/index.html PDF version:

 $\underline{\text{https://www.cdc.gov/water-emergency/media/pdfs/make-water-safe-during-emergency-p.p} \underline{\text{df}}$ 

- Operational Guidance on Infant Feeding in Emergencies (OG-IFE) version 3.0 (Oct 2017). (2017). Ennonline.net. <a href="https://www.ennonline.net/resources/operationalguidancev32017">https://www.ennonline.net/resources/operationalguidancev32017</a>
- SAFE Infant Feeding | ncbc. (2024). Ncbc. https://www.ncbfc.org/safe
- UNICEF. A triple threat of water-related crises is endangering the lives of 190 million children (20 March 2023).
  - https://www.unicef.org/wca/press-releases/triple-threat-water-related-crises-endangering-lives-190-million-children-unicef
- UNICEF. Hygiene Data. https://data.unicef.org/topic/water-and-sanitation/hygiene/
- World Health Organization. *Estimating WASH-related burden of disease (accessed October, 2025)*. https://www.who.int/activities/estimating-WASH-related-burden-of-disease
- World Health Organization. Fact Sheet: Drinking Water (accessed October, 2025). <u>www.who.int/news-room/fact-sheets/detail/drinking-water</u>