# **Assembling a Body Fluid Cleanup Kit**

## Why a Body Fluid Cleanup Kit?

All body fluids, including vomit, stool, and blood, should be treated as infectious material. Germs, like Norovirus, that are spread through body fluids cannot be killed effectively using common foodservice detergents and sanitizers. If a worker or customer has vomited or contaminated a surface with body fluid, use of special procedures and a special disinfectant is required. It is also important to protect yourself from illness. A Body Fluid Cleanup Kit must contain the correct supplies to protect you and to thoroughly disinfect the area. Keep the kit ready for immediate use.

## What is included in a Body Fluid Cleanup Kit?

### 1. Personal Protective Equipment (PPE)

A Body Fluid Cleanup Kit contains PPE to safeguard the individual responding to an incident. These items protect clothes and shoes from contamination. The equipment also protects the face from splashing and airborne particles, and hands from direct contact with body waste. Each kit should contain:

- Twelve (12) pairs of disposable, nonabsorbent, medical grade
- One (1) facemask with face shield or goggles
- One (1) pair of shoe covers
- One (1) disposable gown

## 2. Cleaning Supplies

A Body Fluid Cleanup Kit contains supplies to safely and thoroughly remove and dispose of the waste. Cleaning supplies include:

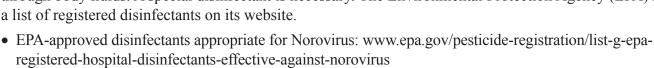
- Multiple packages of disposable paper towels
- Bucket and chemical spray bottle
- A designated mop head for body fluid cleanup or disposable mop heads (2)
- Plastic garbage bags and twist-ties
- Disposable scoop, small shovel, or dustpan
- Sand, cat litter, or liquid spill absorbent material

#### 3. Disinfectant

Common foodservice detergents and sanitizers are not effective in killing Norovirus, which can be spread through body fluids. A special disinfectant is necessary. The Environmental Protection Agency (EPA) keeps

- registered-hospital-disinfectants-effective-against-norovirus
- EPA-approved disinfectants appropriate for blood borne pathogens: www.epa.gov/pesticide-registration/listd-epas-registered-antimicrobial-products-effective-against-human-hiv-1









# **Assembling a Body Fluid Cleanup Kit**

Chlorine bleach (8.25% concentration) can also be used when prepared to a concentration of 5000 parts per million. Mix bleach and water together using following measurements.

- 1 cup bleach to 1 gallon of water or
- 5 cups bleach to 5 gallons of water

This is a very strong bleach solution. Use gloves and safety eye goggles to mix the bleach solution. The solution should be made fresh before each use because the solution becomes less concentrated over time. Use only in a well ventilated area.

### 4. Standard Operating Procedures

The kit should contain written procedures for the safe use of the Body Fluid Cleanup Kit.

Place all items into a waterproof container. Seal the lid and label with date. The EPA-registered disinfectant or chlorine bleach should be stored with an appropriate container (bucket or spray bottle) for chemical mixing. Store these items in an appropriate area. Keep the kit ready for immediate use.

# How can I protect myself from illness?

All body fluids, including vomit, stool, and blood, should be treated as infectious material. The Body Fluid Cleanup Kit contains the correct supplies to protect you and to thoroughly disinfect an area after an incident. When cleaning up body fluids, you can protect yourself by wearing the personal protective equipment and following the directions in the standard operating procedures.

This fact sheet is part of a series of three fact sheets on Norovirus control and prevention.

## **References:**

Conference for Food Protection. (2014). *Emergency action plan for retail food establishments*. Retrieved from http://www.foodprotect.org/media/guide/Emergency%20Action%20Plan%20for%20Retail%20food%20Est.pdf

Institute of Child Nutrition. (2016). Cleaning and disinfecting body fluid spills. Retrieved from http://www.theicn.org/ResourceOverview.aspx?ID=75

National Park Service, Public Health Program. *Norovirus- response and cleanup*. Retrieved from https://www.nps.gov/public\_health/info/factsheets/fs\_noro\_r&c.htm

National Education Association Health Information Network. *The stomach bug book*. Retrieved from https://www.fns.usda.gov/stomach-bug-book-english

U.S. Department of Health and Human Services Public Health Services, Food and Drug Administration. (2017). FDA food code. Retrieved from https://www.fda.gov/Food/GuidanceRegulation/RetailFoodProtection/FoodCode/ucm595139.htm

This project has been funded at least in part with Federal funds from the U.S. Department of Agriculture, Food and Nutrition Service through an agreement with the Institute of Child Nutrition at the University of Mississippi. The contents of this publication do not necessarily reflect the views or policies of the U.S. Department of Agriculture, nor does mention of Trade names, commercial products, or organizations imply endorsement by the U.S. government.

The University of Mississippi is an EEO/AA/TitleVITITIE U.S. Section 504/ADA/ADB Employer.

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color national origin, sex, age, or disability.

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights; Room, 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

© 2018, Institute of Child Nutrition, The University of Mississippi, School of Applied Sciences

Except as provided below, you may freely use the text and information contained in this document for non-profit or educational use with no cost to the participant for the training providing the following credit is included. These materials may not be incorporated into other websites or textbooks and may not be sold

Suggested Reference Citation: Institute of Child Nutrition. (2018). Assembling a body fluid cleanup kit fact sheet. University, MS: Author

The photographs and images in this document may be owned by third parties and used by the University of Mississippi under a licensing agreement. The University cannot, therefore, grant permission to use these images. For more information, please contact helpdesk@theicn.org.



