

Check on older neighbors during severe weather

Severe weather in Ohio can come in any season and bring with it many hazardous situations, from extreme heat or cold, winds with property damage or power outages, slippery conditions and more. When severe weather hits your community, please check on your older neighbors, friends and relatives to make sure they have the resources they need to stay safe and healthy until conditions return to normal.

Communicate Effectively

- **Always treat adults as adults.** If someone isn't making sense, don't assume it's dementia. Dehydration, stress, and fatigue have similar symptoms.
- **Use a natural tone of voice and conversational style of communication.** Be calm and reassuring, speak slowly and distinctly, and make eye contact. Use positive language: Instead of "Don't ..." suggest what they should do.
- **Ask open-ended questions.** Instead of "Are you staying warm/cool?" ask "What are you doing to stay warm/cool today?" "Where will you go if the power does not come back on tomorrow?"
- **Don't ask "testing" or "challenging" questions.** Instead of "Do you know your name?" ask "What would you like me to call you?" Instead of "Do you know where you are?" say "I'm glad that I came to visit you at your home today."
- **Don't correct an adult who appears to be confused.** For example, if the person calls you by someone else's name, say "I haven't seen 'Joe' lately but my name is ... and I'll stay with you until your family comes by" or "I'll call someone so 'Joe' will know where you are." Avoid arguing, but validate feelings.



Do a Risk Assessment

While visiting, observe his or her surroundings and ask questions that will help you determine if this person is healthy and safe, or if he or she may need some assistance.

- **Does the person depend on oxygen?**
- **Does he or she need help walking?**
- **Does he or she need help getting to the bathroom?**
- **Does he or she have skin that is grey-ish? (If so, he or she may require medical attention.)**

Also check if individuals have what they will need for the next several days, including water, non-perishable food, temperature control and medications. Refrigerated food should be thrown out after 2 hours without electricity. Also, some medications may need to be refrigerated or stored on ice to remain safe and effective.

Make Sure They Can Get Help

Make sure the person is able to call for help if he or she needs it. Don't assume the person's phone is working: check the connection and battery charge. Some may not realize that cordless phones need electricity to work and/or charge. Instead of asking, "Do you have someone to call if you need help?" saying, "Show me how you would call your daughter if you need her to come help," will be more effective.





Check On Your Neighbor

Now is the time to check on your neighbor and see how you can help them in an emergency.

They might need help contacting a family member, keeping medication refrigerated or staying safe during extreme temperatures.

**Help your community,
Check on your neighbors!**

Ohio

Emergency Management Agency

Department of Health

Department of Aging



FEMA

A Consumer's Guide To Food Safety

SEVERE STORMS & HURRICANES



U.S. Department of Agriculture
Food Safety and Inspection Service

May 2006
Revised June 2007

Food Safety During An Emergency

Did you know that a flood, fire, natural disaster, or the loss of power from high winds, snow, or ice could jeopardize the safety of your food? Knowing how to determine if food is safe and how to keep food safe

will help minimize the potential loss of food and reduce the risk of food-borne illness. This Consumer's Guide will help you make the right decisions for keeping your family safe during an emergency.

Power Outages

We practice basic safe food handling in our daily lives, but obtaining and storing food safely becomes more challenging during a power outage or natural disasters such as hurricanes and floods.

STEPS TO FOLLOW TO PREPARE FOR A POSSIBLE WEATHER EMERGENCY:

Keep an appliance thermometer in the refrigerator and freezer. An appliance thermometer will indicate the temperature in the refrigerator and freezer in case of a power outage and help determine the safety of the food.

- Make sure the freezer is at 0 °F (Fahrenheit) or below and the refrigerator is at 40 °F or below.
- Freeze containers of water for ice to help keep food cold in the freezer, refrigerator, or coolers after the power is out.
- Freeze refrigerated items such as leftovers, milk, and fresh meat and poultry that you may not need immediately—this helps keep them at a safe temperature longer.
- Plan ahead and know where dry ice and block ice can be purchased.
- Store food on shelves that will be safely out of the way of contaminated water in case of flooding.
- Have coolers on hand to keep refrigerator food cold if the power will be out for more than 4 hours. Purchase or make ice cubes and store in the freezer for use in the refrigerator or in a cooler. Freeze gel packs ahead of time for use in coolers.
- Group food together in the freezer—this helps the food stay cold longer.



STEPS TO FOLLOW DURING AND AFTER THE WEATHER EMERGENCY:

- Never taste a food to determine its safety!
- Keep the refrigerator and freezer doors closed as much as possible to maintain the cold temperature.
- The refrigerator will keep food safely cold for about 4 hours if it is unopened. A full freezer will hold the temperature for approximately 48 hours (24 hours if it is half full and the door remains closed).
- Food may be safely refrozen if it still contains ice crystals or is at 40 °F or below.
- Obtain block ice or dry ice to keep your refrigerator and freezer as cold as possible if the power is going to be out for a prolonged period of time. Fifty pounds of dry ice should hold an 18-cubic-foot full freezer for 2 days.
- If the power has been out for several days, then check the temperature of the freezer with an appliance thermometer or food thermometer. If the food still contains ice crystals or is at 40 °F or below, the food is safe.
- If a thermometer has not been kept in the freezer, then check each package of food to determine its safety. If the food still contains ice crystals, the food is safe.
- Discard refrigerated perishable food such as meat, poultry, fish, soft cheeses, milk, eggs, leftovers, and deli items after 4 hours without power.
- **When in Doubt, Throw it Out!**

Safety of Food in Containers Exposed to Flood Waters

HOW TO DETERMINE WHAT FOOD TO KEEP OR DISCARD

- Do not eat any food that may have come into contact with flood water.
- Discard any food that is not in a waterproof container if there is any chance that it has come into contact with flood water. Food containers that are not waterproof include those with screw-caps, snap lids, pull tops, and crimped caps. Also, discard cardboard juice/milk/baby formula boxes and home canned foods if they have come in contact with flood water, because they cannot be effectively cleaned and sanitized.
- Inspect canned foods and discard any food in damaged cans. Can damage is shown by swelling, leakage, punctures, holes, fractures, extensive deep rusting, or crushing/denting severe enough to prevent normal stacking or opening with a manual, wheel-type can opener.

POTS, PANS, DISHES, AND UTENSILS:

- Thoroughly wash metal pans, ceramic dishes, and utensils (including can openers) with soap and water, using hot water if available. Rinse and then sanitize them by boiling in clean water or immersing them for 15 minutes in a solution of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available).

COUNTERTOPS:

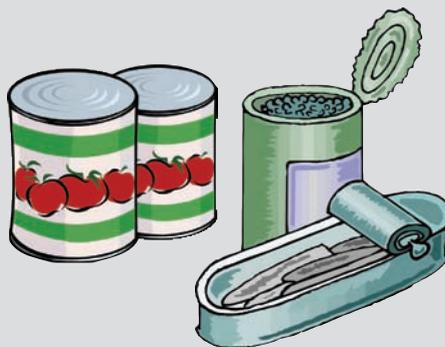
- Thoroughly wash countertops with soap and water, using hot water if available. Rinse and then sanitize them by applying a solution of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available). Allow to air-dry.



STEPS TO SALVAGE ALL-METAL CANS AND RETORT POUCHES

Undamaged, commercially prepared foods in all-metal cans and retort pouches (for example, flexible, shelf-stable juice or seafood pouches) can be saved if you do the following:

- Remove the labels, if they are the removable kind, since they can harbor dirt and bacteria.
- Thoroughly wash the cans or retort pouches with soap and water, using hot water if it is available.
- Brush or wipe away any dirt or silt.
- Rinse the cans or retort pouches with water that is safe for drinking, if available, since dirt or residual soap will reduce the effectiveness of chlorine sanitation.
- Then, sanitize them by immersion in one of the two following ways:
 - Place in water and allow the water to come to a boil and continue boiling for 2 minutes, or
 - Place in a freshly made solution consisting of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available) for 15 minutes.
- Air-dry cans or retort pouches for a minimum of 1 hour before opening or storing.
- If the labels were removable, then re-label your cans or retort pouches, including the expiration date (if available), with a marker.
- Food in reconditioned cans or retort pouches should be used as soon as possible, thereafter.
- Any concentrated baby formula in reconditioned, all-metal containers must be diluted with clean, drinking water.



SAFETY OF DRINKING WATER IF FLOODING OCCURS

- Use bottled water that has not been exposed to flood waters if it is available.
- If you don't have bottled water, you should boil water to make it safe. Boiling water will kill most types of disease-causing organisms that may be present. If the water is cloudy, filter it through clean cloths or allow it to settle, and draw off the clear water for boiling. Boil the water for one minute, let it cool, and store it in clean containers with covers.
- If you can't boil water, you can disinfect it using household bleach. Bleach will kill some, but not all, types of disease-causing organisms that may be in the water. If the water is cloudy, filter it through clean cloths or allow it to settle, and draw off the clear water for disinfection. Add 1/8 teaspoon (or 8 drops) of regular, unscented, liquid household bleach for each gallon of water, stir it well and let

it stand for 30 minutes before you use it. Store disinfected water in clean containers with covers.

- If you have a well that has been flooded, the water should be tested and disinfected after flood waters recede. If you suspect that your well may be contaminated, contact your local or State health department or agriculture extension agent for specific advice.



Food Safety: Removing Odors from Refrigerators & Freezers

Refrigerators and freezers are two of the most important pieces of equipment in the kitchen for keeping food safe. We are instantly reminded of their importance when the power goes off, flooding occurs, or the unit fails, causing food to become unsafe and spoil. The odors that develop when food spoils can be difficult to remove. Use this information to learn how to remove odors from units or how to safely discard an affected unit.

TO REMOVE ODORS FROM REFRIGERATORS AND FREEZERS

If food has spoiled in a refrigerator or freezer and odors from the food remain, they may be difficult to remove. The following procedures may help but may have to be repeated several times.

- Dispose of any spoiled or questionable food.
- Remove shelves, crispers, and ice trays. Wash them thoroughly with hot water and detergent. Then rinse with a sanitizing solution (1 tablespoon unscented, liquid chlorine bleach per gallon of water).
- Wash the interior of the refrigerator and freezer, including the door and gasket, with hot water and baking soda. Rinse with sanitizing solution as above.
- Leave the door open for about 15 minutes to allow free air circulation.

If odor remains, try any or all of the following:

- Wipe inside of unit with equal parts vinegar and water. Vinegar provides acid which destroys mildew.
- Leave the door open and allow to air out for several days.
- Stuff both the refrigerator and freezer with rolled newspapers. Close the door and leave for several days. Remove paper and clean with vinegar and water.
- Sprinkle fresh coffee grounds or baking soda loosely in a large, shallow container in the bottom of the refrigerator and freezer.
- Place a cotton swab soaked with vanilla inside the refrigerator and freezer. Close door for 24 hours. Check for odors.
- Use a commercial product available at hardware and housewares stores. Follow the manufacturer's instructions.

IF ODORS REMAIN

If odors cannot be removed, then the refrigerator or freezer may need to be discarded. If you need to discard the refrigerator or freezer, discard it in a safe manner:

- “Childproof” old refrigerators or freezers so children do not get trapped inside. The surest way is to take the door off.
- If the door will not come off, chain and padlock the door permanently and close tightly, or remove or disable the latch completely so the door will no longer lock when closed.

It is unlawful in many jurisdictions to discard old refrigerators or freezers without first removing the door.



Depending on where you live, your appliance will be picked up by your solid waste provider, a recycler, a retailer (if you buy a new unit), or program sponsored by local or regional utilities.

Refrigerator Foods

WHEN TO SAVE AND WHEN TO THROW IT OUT

FOOD	Held above 40 °F for over 2 hours
<u>MEAT, POULTRY, SEAFOOD</u>	
Raw or leftover cooked meat, poultry, fish, or seafood; soy meat substitutes	Discard
Thawing meat or poultry	Discard
Meat, tuna, shrimp, chicken, or egg salad	Discard
Gravy, stuffing, broth	Discard
Lunchmeats, hot dogs, bacon, sausage, dried beef	Discard
Pizza – with any topping	Discard
Canned hams labeled “Keep Refrigerated”	Discard
Canned meats and fish, opened	Discard
<u>CHEESE</u>	
Soft Cheeses: blue/bleu, Roquefort, Brie, Camembert, cottage, cream, Edam, Monterey Jack, ricotta, mozzarella, Muenster, Neufchatel, queso blanco, queso fresco	Discard
Hard Cheeses: Cheddar, Colby, Swiss, Parmesan, provolone, Romano	Safe
Processed Cheeses	Safe

FOOD	Held above 40 °F for over 2 hours
Shredded Cheeses	Discard
Low-fat Cheeses	Discard
Grated Parmesan, Romano, or combination (in can or jar)	Safe
<u>DAIRY</u>	
Milk, cream, sour cream, buttermilk, evaporated milk, yogurt, eggnog, soy milk	Discard
Butter, margarine	Safe
Baby formula, opened	Discard
<u>EGGS</u>	
Fresh eggs, hard-cooked in shell, egg dishes, egg products	Discard
Custards and puddings	Discard
<u>CASSEROLES, SOUPS, STEWS</u>	
<u>FRUITS</u>	
Fresh fruits, cut	Discard
Fruit juices, opened	Safe
Canned fruits, opened	Safe
Fresh fruits, coconut, raisins, dried fruits, candied fruits, dates	Safe
<u>SAUCES, SPREADS, JAMS</u>	
Opened mayonnaise, tartar sauce, horseradish	Discard if above 50 °F for over 8 hrs.
Peanut butter	Safe
Jelly, relish, taco sauce, mustard, catsup, olives, pickles	Safe
Worcestershire, soy, barbecue, Hoisin sauces	Safe
Fish sauces (oyster sauce)	Discard
Opened vinegar-based dressings	Safe
Opened creamy-based dressings	Discard
Spaghetti sauce, opened jar	Discard
<u>BREAD, CAKES, COOKIES, PASTA, GRAINS</u>	
Bread, rolls, cakes, muffins, quick breads, tortillas	Safe
Refrigerator biscuits, rolls, cookie dough	Discard
Cooked pasta, rice, potatoes	Discard
Pasta salads with mayonnaise or vinaigrette	Discard
Fresh pasta	Discard
Cheesecake	Discard
Breakfast foods –waffles, pancakes, bagels	Safe
<u>PIES, PASTRY</u>	
Pastries, cream filled	Discard
Pies – custard, cheese filled, or chiffon; quiche	Discard
Pies, fruit	Safe
<u>VEGETABLES</u>	
Fresh mushrooms, herbs, spices	Safe
Greens, pre-cut, pre-washed, packaged	Discard
Vegetables, raw	Safe
Vegetables, cooked; tofu	Discard
Vegetable juice, opened	Discard
Baked potatoes	Discard
Commercial garlic in oil	Discard
Potato Salad	Discard

Frozen Food

WHEN TO SAVE AND WHEN TO THROW IT OUT

FOOD	Still contains ice crystals and feels as cold as if refrigerated	Thawed Held above 40 °F for over 2 hours
<u>MEAT, POULTRY, SEAFOOD</u>		
Beef, veal, lamb, pork, and ground meats	Refreeze	Discard
Poultry and ground poultry	Refreeze	Discard
Variety meats (liver, kidney, heart, chitterlings)	Refreeze	Discard
Casseroles, stews, soups	Refreeze	Discard
Fish, shellfish, breaded seafood products	Refreeze However, there will be some texture and flavor loss	Discard
<u>DAIRY</u>		
Milk	Refreeze May lose some texture	Discard
Eggs (out of shell) and egg products	Refreeze	Discard
Ice cream, frozen yogurt	Discard	Discard
Cheese (soft and semi-soft)	Refreeze May lose some texture	Discard
Hard cheeses	Refreeze	Refreeze
Shredded cheeses	Refreeze	Discard
Casseroles containing milk, cream, eggs, soft cheeses	Refreeze	Discard
Cheesecake	Refreeze	Discard
<u>FRUITS</u>		
Juices	Refreeze	Refreeze. Discard if mold, yeasty smell, or sliminess develops
Home or commercially packaged	Refreeze Will change texture and flavor	Refreeze. Discard if mold, yeasty smell, or sliminess develops
<u>VEGETABLES</u>		
Juices	Refreeze	Discard after held above 40 °F for 6 hours
Home or commercially packaged or blanched	Refreeze May suffer texture and flavor loss	Discard after held above 40 °F for 6 hours
<u>BREADS, PASTRIES</u>		
Breads, rolls, muffins, cakes (without custard fillings)	Refreeze	Refreeze
Cakes, pies, pastries with custard or cheese filling	Refreeze	Discard

FOOD	Still contains ice crystals and feels as cold as if refrigerated	Thawed Held above 40 °F for over 2 hours
BREADS, PASTRIES		
Pie crusts, commercial and homemade bread dough	Refreeze Some quality loss may occur	Refreeze Quality loss is considerable
OTHER		
Casseroles – pasta, rice based	Refreeze	Discard
Flour, cornmeal, nuts	Refreeze	Refreeze
Breakfast items –waffles, pancakes, bagels	Refreeze	Refreeze
Frozen meal, entree, specialty items (pizza, sausage and biscuit, meat pie, convenience foods)	Refreeze	Discard

Got Food Safety Questions?

Ask Karen



ASK KAREN!

The FSIS automated response system can provide food safety information 24/7. Visit us at AskKaren.gov

USDA Meat and Poultry HOTLINE

1-888-MPHotline

(1-888-674-6854)

English & Spanish

10:00-4:00 ET

TTY: 1-800 256-7072

MPHotline



Food Safety Contacts for Areas Affected by Severe Storms and Hurricanes

FSIS

USDA's Food Safety and Inspection Service

Consumers with food safety questions can phone the toll-free **USDA Meat and Poultry Hotline** at **1-888-MPHotline** (1-888-674-6854); TTY, 1-800-256-7072.

The Hotline is available in English and Spanish and can be reached from 10 a.m. to 4 p.m. (ET) Monday through Friday. Recorded food safety messages are available 24 hours a day.

Consumers can also ask safe food handling questions by logging on to FSIS' online automated response system called "Ask Karen," on the Food Safety and Inspection Service's Web site: www.fsis.usda.gov

E-mail inquiries can be directed to MPHotline.fsis@usda.gov.

Additional information about USDA's food safety efforts can be accessed on the FSIS Web site at www.fsis.usda.gov

CDC

Centers for Disease Control and Prevention

- Call 1-800-CDC-INFO or 1-800-232-4636, TTY 1-888-232-6348, for information on hazards, safe clean up, and preventing illness and injury.

Available in English and Spanish, 24 hours a day, 7 days a week.
www.cdc.gov

FDA

Food and Drug Administration

- For information on safe food handling for foods other than meat, poultry, or egg products, call FDA's toll-free information line at 1-888- SAFEFood or 1-888-723-3366. www.cfsan.fda.gov
- FDA emergency number, staffed 24 hours a day, 1-866-300-4374.

OTHER

Environmental Protection Agency

EPA's Safe Drinking Water Hotline:

1-800-426-4791

www.epa.gov

Federal Emergency

Management Agency (FEMA)

Food and Water in an Emergency

www.fema.gov

General Disaster Assistance Site: www.foodsafety.gov

The U.S. Department of Agriculture prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or be-

cause all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's Target

Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Ave., SW, Washington, DC 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.



SAFE FOOD HANDLING

A Consumer's Guide to Food Safety: Severe Storms and Hurricanes

FOOD SAFETY DURING AN EMERGENCY

Did you know that a flood, fire, national disaster, or the loss of power from high winds, snow, or ice could jeopardize the safety of your food? Knowing how to determine if food is safe and how to keep food safe will help minimize the potential loss of food and reduce the risk of foodborne illness. This Consumer's Guide will help you make the right decisions for keeping your family safe during an emergency.

POWER OUTAGES

We practice basic safe food handling in our daily lives, but obtaining and storing food safely becomes more challenging during a power outage or natural disasters such as hurricanes and floods.

Steps to Follow to Prepare for a Possible Weather Emergency:

Keep an appliance thermometer in the refrigerator and freezer. An appliance thermometer will indicate the temperature in the refrigerator and freezer in case of a power outage and help determine the safety of the food.

- Make sure the freezer is at 0 °F (Fahrenheit) or below and the refrigerator is at 40 °F or below.
- Freeze containers of water for ice to help keep food cold in the freezer, refrigerator, or coolers after the power is out.
- Freeze refrigerated items such as leftovers, milk, and fresh meat and poultry that you may not need immediately—this helps keep them at a safe temperature longer.
- Plan ahead and know where dry ice and block ice can be purchased.
- Store food on shelves that will be safely out of the way of contaminated water in case of flooding.
- Have coolers on hand to keep refrigerator food cold if the power will be out for more than 4 hours. Purchase or make ice cubes and store in the freezer for use in the refrigerator or in a cooler. Freeze gel packs ahead of time for use in coolers.
- Group food together in the freezer—this helps the food stay cold longer.

Steps to Follow During and After the Weather Emergency:

- Never taste a food to determine its safety!
- Keep the refrigerator and freezer doors closed as much as possible to maintain the cold temperature.
- The refrigerator will keep food safely cold for about 4 hours if it is unopened. A full freezer will hold the temperature for approximately 48 hours (24 hours if it is half full and the door remains closed).
- Food may be safely refrozen if it still contains ice crystals or is at 40 °F or below.
- Obtain block ice or dry ice to keep your refrigerator and freezer as cold as possible if the power is going to be out for a prolonged period of time. Fifty pounds of dry ice should hold an 18-cubic-foot full freezer for 2 days.
- If the power has been out for several days, then check the temperature of the freezer with an appliance thermometer or food thermometer. If the food still contains ice crystals or is at 40 °F or below, the food is safe.

- If a thermometer has not been kept in the freezer, then check each package of food to determine its safety. If the food still contains ice crystals, the food is safe.
- Discard refrigerated perishable food such as meat, poultry, fish, soft cheeses, milk, eggs, leftovers, and deli items after 4 hours without power.
- **When in Doubt, Throw it Out!**

SAFETY OF FOOD IN CONTAINERS EXPOSED TO FLOOD WATERS

How to Determine What Food to Keep or Discard

- Do not eat any food that may have come into contact with flood water.
- Discard any food that is not in a waterproof container if there is any chance that it has come into contact with flood water. Food containers that are not waterproof include those with screw-caps, snap lids, pull tops, and crimped caps. Also, discard cardboard juice/milk/baby formula boxes and home canned foods if they have come in contact with flood water, because they cannot be effectively cleaned and sanitized.
- Inspect canned foods and discard any food in damaged cans. Can damage is shown by swelling, leakage, punctures, holes, fractures, extensive deep rusting, or crushing/denting severe enough to prevent normal stacking or opening with a manual, wheel-type can opener.

Pots, Pans, Dishes, and Utensils

- Thoroughly wash metal pans, ceramic dishes, and utensils (including can openers) with soap and water, using hot water if available. Rinse and then sanitize them by boiling in clean water or immersing them for 15 minutes in a solution of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available).

Countertops

- Thoroughly wash countertops with soap and water, using hot water if available. Rinse and then sanitize them by applying a solution of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available). Allow to air-dry.

Steps to Salvage All-Metal Cans and Retort Pouches

Undamaged, commercially prepared foods in all-metal cans and retort pouches (for example, flexible, shelf-stable juice or seafood pouches) can be saved if you do the following:

- Remove the labels, if they are the removable kind, since they can harbor dirt and bacteria.
- Thoroughly wash the cans or retort pouches with soap and water, using hot water if it is available.
- Brush or wipe away any dirt or silt.
- Rinse the cans or retort pouches with water that is safe for drinking, if available, since dirt or residual soap will reduce the effectiveness of chlorine sanitation.
- Then, sanitize them by immersion in one of the two following ways:
 - Place in water and allow the water to come to a boil and continue boiling for 2 minutes, or
 - Place in a freshly made solution consisting of 1 tablespoon of unscented, liquid chlorine bleach per gallon of drinking water (or the cleanest, clearest water available) for 15 minutes.
- Air-dry cans or retort pouches for a minimum of 1 hour before opening or storing.
- If the labels were removable, then re-label your cans or retort pouches, including the expiration date (if available), with a marker.
- Food in reconditioned cans or retort pouches should be used as soon as possible, thereafter.
- Any concentrated baby formula in reconditioned, all-metal containers must be diluted with clean, drinking water.

Safety of Drinking Water If Flooding Occurs

- Use bottled water that has not been exposed to flood waters if it is available.
- If you don't have bottled water, you should boil water to make it safe. Boiling water will kill most types of disease-causing organisms that may be present. If the water is cloudy, filter it through clean cloths or allow it to settle, and draw off the clear water for boiling. Boil the water for one minute, let it cool, and store it in clean containers with covers.
- If you can't boil water, you can disinfect it using household bleach. Bleach will kill some, but not all, types of disease-causing organisms that may be in the water. If the water is cloudy, filter it through clean cloths or allow it to settle, and draw off the clear water for disinfection. Add 1/8 teaspoon (or 8 drops) of regular, unscented, liquid household bleach for each gallon of water, stir it well and let it stand for 30 minutes before you use it. Store disinfected water in clean containers with covers.
- If you have a well that has been flooded, the water should be tested and disinfected after flood waters recede. If you suspect that your well may be contaminated, contact your local or State health department or agriculture extension agent for specific advice.

FOOD SAFETY: REMOVING ODORS FROM REFRIGERATORS & FREEZERS

Refrigerators and freezers are two of the most important pieces of equipment in the kitchen for keeping food safe. We are instantly reminded of their importance when the power goes off, flooding occurs, or the unit fails, causing food to become unsafe and spoil. The odors that develop when food spoils can be difficult to remove. Use this information to learn how to remove odors from units or how to safely discard an affected unit.

To Remove Odors from Refrigerators and Freezers

If food has spoiled in a refrigerator or freezer and odors from the food remain, they may be difficult to remove. The following procedures may help but may have to be repeated several times.

- Dispose of any spoiled or questionable food.
- Remove shelves, crispers, and ice trays. Wash them thoroughly with hot water and detergent. Then rinse with a sanitizing solution (1 tablespoon unscented, liquid chlorine bleach per gallon of water).
- Wash the interior of the refrigerator and freezer, including the door and gasket, with hot water and baking soda. Rinse with sanitizing solution as above.
- Leave the door open for about 15 minutes to allow free air circulation.

If odor remains, try any or all of the following:

- Wipe inside of unit with equal parts vinegar and water. Vinegar provides acid which destroys mildew.
- Leave the door open and allow to air out for several days.
- Stuff both the refrigerator and freezer with rolled newspapers. Close the door and leave for several days. Remove paper and clean with vinegar and water.
- Sprinkle fresh coffee grounds or baking soda loosely in a large, shallow container in the bottom of the refrigerator and freezer.
- Place a cotton swab soaked with vanilla inside the refrigerator and freezer. Close door for 24 hours. Check for odors.
- Use a commercial product available at hardware and housewares stores. Follow the manufacturer's instructions.

If Odors Remain

If odors cannot be removed, then the refrigerator or freezer may need to be discarded. If you need to discard the refrigerator or freezer, discard it in a safe manner:

- "Childproof" old refrigerators or freezers so children do not get trapped inside. The surest way is to take the door off.
- If the door will not come off, chain and padlock the door permanently and close tightly, or remove or disable the latch completely so the door will no longer lock when closed.

It is unlawful in many jurisdictions to discard old refrigerators or freezers without first removing the door.

Depending on where you live, your appliance will be picked up by your solid waste provider, a recycler, a retailer (if you buy a new unit), or program sponsored by local or regional utilities.

Got Food Safety Questions?

Ask Karen!

The FSIS automated response system can provide food safety information 24/7. Visit us at AskKaren.gov

USDA Meat and Poultry Hotline

1-888-MPHOTLINE (1-888-674-6854)

English & Spanish

10:00–4:00 ET

TTY: 1-800-256-7072

FOOD SAFETY CONTACTS FOR AREAS AFFECTED BY SEVERE STORMS AND HURRICANES

FSIS: USDA's Food Safety and Inspection Service

Consumers with food safety questions can phone the toll-free **USDA Meat and Poultry Hotline at 1-888-MPHotline** (1-888-674-6854); TTY, 1-800-256-7072.

The Hotline is available in English and Spanish and can be reached from 10 a.m. to 4 p.m. (ET) Monday through Friday. Recorded food safety messages are available 24 hours a day.

Consumers can also ask safe food handling questions by logging on to FSIS' online automated response system called "[Ask Karen,](http://www.fsis.usda.gov)" on the Food Safety and Inspection Service's Web site: www.fsis.usda.gov

E-mail inquiries can be directed to mpholine.fsis@usda.gov

Additional information about USDA's food safety efforts can be accessed on the FSIS Web site at www.fsis.usda.gov

CDC: Centers for Disease Control and Prevention

Call 1-800-CDC-INFO or 1-800-232-4636, TTY 1-888-232-6348, for information on hazards, safe clean up, and preventing illness and injury.

Available in English and Spanish, 24 hours a day, 7 days a week.

www.cdc.gov

FDA: Food and Drug Administration

For information on safe food handling for foods other than meat, poultry, or egg products, call FDA's toll-free information line at 1-888-SAFEFOOD or 1-888-723-3366.

<http://www.fda.gov/Food/default.htm>

FDA emergency number, staffed 24 hours a day, 1-866-300-4374.



Ohio Committee for Severe Weather Awareness

Portable Generator Safety Information

<http://www.cpsc.gov/info/co/generators.html>

Portable generators are useful when temporary or remote electric power is needed, but they can also be hazardous. The primary hazards to avoid when using a generator are carbon monoxide (CO) poisoning from the toxic engine exhaust, electric shock or electrocution, fire and burns.

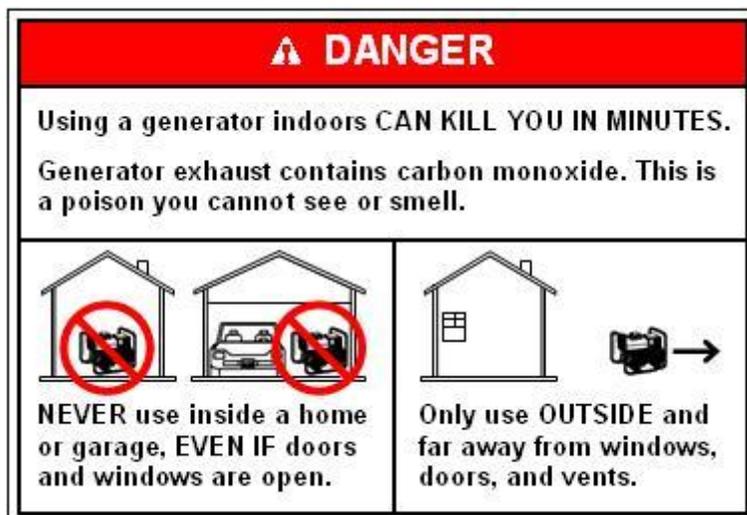
Every year, people die in incidents related to portable generator use. Most of the incidents associated with portable generators reported to the Consumer Product Safety Commission (CPSC) involve CO poisoning from generators used indoors or in partially enclosed spaces.

Carbon Monoxide Hazards

When used in a confined space, generators can produce high levels of CO within minutes. When you use a portable generator, remember that you cannot see or smell CO. Even if you do not smell exhaust fumes, you may still be exposed to CO.

If you start to feel sick, dizzy or weak while using a generator, get to fresh air **RIGHT AWAY**. Do not delay. The CO from generators can rapidly kill you.

Danger labels are required on all portable generators manufactured or imported on or after May 14, 2007.



Follow these safety tips to protect against CO poisoning:

- NEVER use a generator inside homes, garages, crawlspaces, sheds or similar areas, even when using fans or opening doors and windows for ventilation. Deadly levels of carbon monoxide can quickly build up in these areas and can linger for hours, even after the generator has shut off.
- Follow the instructions that come with your generator. Locate the unit outdoors and far from windows, doors and vents that could allow CO to come indoors.
- Install battery-operated CO alarms or plug-in CO alarms with battery back-up in your home, according to the manufacturer's instruction. CO alarms should be certified to the requirements of the latest safety standards. Test batteries monthly.

To avoid CO poisoning when using generators:

- Never run generators indoors, including garages, basements, crawlspaces and sheds.
- Get to fresh air right away if you start to feel dizzy or weak.

For more information download the CPSC fact sheet on portable generators
[CPSC Safety Alert - Portable Generator Hazards](#)
