



# Warren CERT eNews



***Not if..... When Always Vigilant - Always Prepared***

**Volume 3 Issue 2**

**February 2017**

This newsletter is brought to you by the Executive Board and is meant to give you the latest news and information from around the organization.

## **IN THIS EDITION**

Cold Weather Tips for Animals

Dakin's Solution – A Homemade Antiseptic

The month in review

Scheduled Events & Training

Practical Uses for Coffee Filters

Additional Information

Do1Thing

**New Feature - Products Page**

## **COLD WEATHER TIPS FOR YOUR PETS**

- > Keep your cat inside. Outdoors, cats can freeze, become lost or stolen, or be injured or killed. Cats who are allowed to stray are exposed to fatal infectious diseases, including rabies.
- > During the winter, outdoor cats sometimes choose to sleep under the hoods of cars, where it is warmer. Then, when the motor is started, the cat can be injured or killed in the fan belt. To prevent this, bang loudly on the hood of your car and wait a few seconds before starting the engine, to give a cat a chance to escape.
- > Never let your dog off the leash on snow or ice, especially during a snowstorm. Dogs frequently lose their scent in snow and ice and easily become lost. They may panic in a snowstorm and run away. More dogs are lost during the winter than during any other season.
- > Thoroughly wipe off your dog's legs and stomach when she comes in out of the rain, snow or ice. Check her sensitive paw pads, which may bleed from snow or ice encrusted in them. Also, salt, antifreeze or other chemicals could hurt your dog if she ingests them while licking her paws.
- > If you own a short-haired breed, consider getting a warm coat or sweater for your dog. Look for one with a high collar or turtleneck that covers your dog from the base of her tail on top and to the belly underneath. While this may seem like a luxury, it is a necessity for many dogs.
- > Never leave your dog or cat alone in a car during cold weather. A car can act as a refrigerator in the winter, holding in the cold. Your companion animal could freeze to death.
- > If your dog is sensitive to the cold due to age, illness or breed type, take him outdoors only long enough to relieve himself.
- > Puppies do not tolerate the cold as well as adult dogs and may be difficult to house train during the winter. If necessary, paper train your puppy inside if he appears to be sensitive to the weather.

## COLD WEATHER TIPS FOR YOUR PETS CONTINUED

> If your dog spends a lot of time engaged in outdoor activities, increase his supply of food, particularly protein, to keep his fur thick and healthy.

> Antifreeze, even in very tiny doses, is a lethal poison for dogs and cats. Because of its sweet taste, dogs are attracted to it. Be sure to thoroughly clean up any spills from your vehicle. To prevent accidental poisonings, more and more people are using animal-friendly products that contain propylene glycol rather than the traditional products containing ethylene glycol. Call your veterinarian or the ASPCA APCC (Animal Poison Control Center) if you suspect your animal has ingested poison. **NOTE: This is a chargeable call. A \$65 consultation fee may be applied to your credit card.**

> Never shave your dog down to the skin in winter. Leave the coat in a longer style, which provides more warmth. Remember that such a style will require more frequent brushing due to dry winter air and static electricity. When you bathe your dog, make sure she is completely dry before you take her out for a walk.

> Make sure your companion animal has a warm place to sleep far away from all drafts and off the floor, such as in a dog or cat bed or basket with a warm blanket or pillow in it.

## DAKIN'S SOLUTION – A HOMEMADE ANTISEPTIC

Dakin's solution is an antiseptic solution developed during World War I to treat infected wounds. It is a viable solution that is being used even today and it's a perfect homemade antiseptic for preppers and survivalists.

Dakin's solution is an antiseptic solution containing sodium hypochlorite (common household bleach) and water. Dakin's solution is not the only antiseptic available, and on the market you can find stronger germicidal solutions, like the ones containing carbolic acid (phenol) or iodine. These solutions can be purchased and used to prevent infections, but they have a downside. Stronger solutions can damage living cells or lose their potency in the presence of blood. You should know that Dakin's solution does neither and this is why it's indicated as a good antiseptic.



Where did Dakin's solution come from? - It all started with Henry Drysdale Dakin, a brilliant English chemist, and his work on amino acids and water analysis. He studied chemistry at the University of Leeds and he managed to get his PhD under the supervision of the great Christian Herter. In 1914, Dakin offered his service with the war effort and he proved to be a valuable asset. He worked at a temporary hospital in Compiègne in 1916; the time when he invented the Dakin's solution as a wound treatment. Dakin's solution was an unstable highly diluted antiseptic that was used to intermittently irrigate the wound. Since the solution deteriorates after six hours, it must be made as needed. Based on his discoveries, a modified and more stable Dakin solution was invented.

Why should one make Dakin's solution? - Dakin's solution is easy to make and as a prepper, you should already have all the needed ingredients. Besides being a good homemade antiseptic, it also acts as a solvent to dead cells and hastens the separation of dead from living tissue. Dakin's solution is prepared by passing chlorine into a solution of sodium hydroxide or sodium carbonate. It can be used on humans without any risk and it can also be used on animals. It does not sting or burn as you might expect and it's a proven solution that has been credited with saving thousands of lives since World War I.

How to make Dakin's Solution: - You will need the following equipment: a sterile jar with a sterile lid, a clean pan with lid and sterile measuring spoons and cups. As for the ingredients, you will need: water, baking soda and bleach. You should already have these ingredients in your home as they are basic emergency preparedness supplies.

(Continued on page 4)

## THE MONTH IN REVIEW - CALL OUTS, DEPLOYMENTS, AND EVENTS

Wed 4th 05:00 Peter Kaltz / 10 Mile / Mound - Traffic Management

Tue 10th 22:05 Call Out Traffic Lights out 14 & Hoover and 14 & Schoenherr - Traffic Management

Wed 11th 05:10 Engelman & Campbell Pole Fire - Peck Elementary - Warren CERT stood vigil for a smoldering primary wire in the Elementary School parking lot during school hours

Fri 13th 09:15 Traffic Management to assist the Macomb County Road Commission in the Traffic Light replacement. CERT handled all the traffic for the light swap. The Fraser Police Dept. officer on scene was reported to be impressed with CERT's performance.

Sat 28th 00:30 - 2 leaning poles Mound N of 8 Mile Leaning traffic pole from accident Traffic Management

Sat 28th 15:15 8 Mile East of Dequindre - Leaning traffic pole from accident Traffic Management

***Thank you each and every member.***

***Your commitment to the CERT team and City of Warren is appreciated!***

***Make sure you continue to receive this eLetter and are signed up to the electronic version of the official CERT calendar.***

## UPCOMING EVENTS

Full details available at meetings, emails, and official CERT calendar

Sat Feb 4th 09:00 - 13:00 General Membership Meeting

Fri Feb 24th & Sat Feb 25th Region 2 Citizens Corp Conference

March 30 19:30-21:00 Skywarn Training MacRay Marina RSVP 586-468-1900 ext 434

Sat Apr 1st 09:00 - 13:00 General Membership Meeting

April 1 10:00-11:30 Skywarn Training MISD NO RSVP listed

Sat Apr 22nd 08:30 - 15:30 Animal Welfare Spring Clinic

Sun May 28th & Mon Mar 29th Warren's Greatest Garage Sale (Details to be added)

Sat Jun 3rd 09:00 - 13:00 General Membership Meeting

Mon Jun 5th 17:00 - ??:?? Warren Tower Graduation Ceremony (Details to be added)

Sat Aug 5th 09:00 - 13:00 General Membership Meeting

Thu Aug 24th - Sun Aug 27th - Warren Birthday Bash (Details to be added)

Sat Sep 23rd 08:30 - 14:30 Animal Welfare Fall Clinic

Sat Sep 30th 10:30 - 12:30 - Fitzgerald HS Homecoming Parade

Sat Oct 7th 09:00 - 13:00 General Membership Meeting

Sat Oct 21st Harvest Treat (Details to be added)

Sat Dec 2nd 09:00 - 13:00 CERT Family Appreciation Breakfast

Sat Dec 2nd 17:00 - 20:00 Tree Lightning Ceremony

**[Make sure you follow Warren CERT on Facebook & Twitter](#)**

**<https://www.facebook.com/wrncert/>**

**[@WarrenCERT](#)**

## EXECUTIVE BOARD

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## DAKIN'S SOLUTION – A HOMEMADE ANTISEPTIC

CONTUINED

Once you have all the equipment ready and you gathered the needed ingredients you should do the following to prepare Dakin's solution:

- Measure out 32 ounces (4 cups) of tap water. Pour the water into the clean pan you prepared.
- Boil the water for 15 minutes with the lid on the pan. Remove the pan from the heat.
- Using the sterile measuring spoon, add 1/2 teaspoon of baking soda to the boiled water.
- Now it's time to add bleach and complete the Dakin's solution. You can make one of several strengths and you should measure bleach according to the chart below.
- Once the Dakin's solution is done, place it in the sterile jar and close it tightly with the lid.
- You should label the jar and write the date and time when the Dakin's solution was made.

You should store Dakin's solution at room temperature, tightly sealed and away from light. You should make sure to sterilize everything and wash your hands with water and soap before you make Dakin's solution. Cleanliness is very important if you want to make a good batch of this homemade antiseptic.

Remember to throw away any unused Dakin's solution 48 hours after opening. Unopened jars can be stored for 2-3 weeks after you have prepared the Dakin's solution.

Dakin solution precautions:

- As with any medical solution, you should keep Dakin's solution out of the reach of children.
- If you use it as a mouth wash or to treat a dental abscess, do not swallow it
- You shouldn't use Dakin's solution longer than 1 week
- You shouldn't use this solution if you are allergic to any of the ingredients.
- Stop using Dakin solution if your condition worsens or if you develop any type of reactions (like a rash)

I am not a doctor and this is a homemade remedy, therefore I recommend you should research anything you read so you are assured of its use and the accuracy of the information provided. If it worked for me it doesn't mean it can work for you as well. You might be allergic to some of the ingredients or you might not use clean equipment.

**Confirm with your Doctor or Medical professional before using this or any other medical preparation!**

<http://prepperswill.com/dakins-solution-a-homemade-antiseptic/>

## PRACTICAL USES FOR COFFEE FILTERS

Coffee filters can be used for a lot of things aside from making coffee. Their versatility makes them an essential item to have on hand in any stockpile or bug out bag, even though loading up on coffee filters is often the last thing on our minds. Here are a few examples of how you can put coffee filters to good use in a survival situation or on the homestead.



- > Food Wrapper – Plastic wrap, aluminum foil, and Ziploc bags are excellent ways to store and protect dry food. The problem is, you might not have enough of those things, which means your food will be left exposed to bugs and the elements. Coffee filters are the solution. Most coffee filters are relatively small, so you may have to use three or four of them to adequately cover your food.
- > Disposable Bowl – Of course, this wouldn't work with soup or anything wet, but they're great for dry foods or any foods you might forage such as nuts and berries.
- > Fire Tinder – You never know when you might need to start a fire, whether for cooking, signaling, or warmth. However, your matches and lighters will be useless if you don't have good tinder to catch and convert a spark into a flame. Fortunately, a grease-soaked coffee filter is one of the best fire starting materials there is.
- > Toilet Paper – Let's just say that in this department, you may need to get creative. If toilet paper isn't available use coffee filters rather than taking a risk with seemingly harmless looking green leaves that you aren't sure about.
- > Regular Paper – If you need something to write one, for example to draw a map or write down some instructions, a coffee filter will work just fine. Just don't let it get weight as it will become very fragile.
- > First Stage Water Filter – It's not exactly wise to use a coffee filter as your primary water filter. Instead, you should boil your water for at least thirty minutes or purify it with tablets. However, you can still use a coffee filter to remove some of the larger matter such as dirt and tiny twigs from your water before purifying it.
- > Medical Bandage – The last thing you need in a survival situation is a cut or scratch going unattended and getting infected. A coffee filter should be used in place of a first aid kit, unless you don't have one. In that case, a filter can be tied down over an open wound as a makeshift bandage.
- > Air Freshener – Simply fill up a coffee filter with baking soda before tying it shut with some cordage, and it will absorb any nasty odors around it. You can make several of these and put them in various places such as in a room, in a tent, in your shoes, in your backpack, in an outhouse, in the refrigerator, and so on.
- > Seed Starter – Get the coffee filter wet and wring it out. Then place each seed in the filter (about an inch from each other) and fold down the sides of the filter. After that, slide the filter into a Ziploc bag (don't seal it) and put it in a warm place (but not hot). The greenhouse effect inside the bag will help the seeds to germinate. Once the seed house sprouted and is at least an inch long, carefully transplant it into soil.

### Bonus item: Make Dryer Sheets

Okay, this is not a survival necessity but it works. Dampen a coffee filter with some white vinegar and a few drops of your favorite essential oil. Pop one of these scented filters into the dryer and your sheets will smell heavenly.



## CERT POLICIES YOU NEED TO KNOW

You are authorized to use your red warning light while on an official CERT call-out and according to CERT guidelines. You must be stationary while it is in use. You are only authorized to use it while in the city of Warren.

Use of police logo'd lanyard is authorized while on an active callout or bonafide CERT event or training.

ANY USE OUTSIDE OF ABOVE GUIDELINES COULD RESULT IN DISCIPLINARY ACTION AND MUNICIPAL CODE VIOLATIONS.

## IMPORTANT INFO

There is a new feature in this edition of Warren CERT's eLetter: A product page. This will be place to list equipment and supplies you may purchase that are beneficial in CERT Safety and Disaster preparedness. Keep an eye on this feature for cool, exciting, and needed products.

Please make sure you are getting the CERT calendar so you have the latest info on all our events and dates.

*I also need to thank our executive board, current and past. Without your continued dedication CERT would not be what nor where we are today!*

# Thank You!

Your executive board is looking for assistance. Would you like to opportunity to assist in planning, organization, or other duties to assist CERT? The board is accepting requests from members looking to get more involved with the team. Email your interest to [execboard@warrencert.org](mailto:execboard@warrencert.org) or speak to a executive board member.

Please like our Facebook page [Facebook.com/wrncert](https://www.facebook.com/wrncert)

Don't forget to tell your friends and neighbors, about CERT.  
Were always looking for good people.

***Make sure you continue to receive this eLetter and are signed up to the electronic version of the official CERT calendar.***

# do 1 thing

Being prepared for disasters and emergencies can seem like a big job. Many people don't know where to start, so they never start at all. With Do 1 Thing you can take small steps that make a big difference in an emergency.

Do 1 Thing is a 12-month program that makes it easy for you to prepare yourself, your family, and your community for emergencies or disasters.

Warren CERT is proud to be a partner with do 1 thing. Every month we will be showcasing some of the information from do 1 thing for Individuals and Business's.

## Individual:

**Goal for February: Have 72 hours (3 days) worth of water stored for your household.**

Whether you get water from a municipal water system or your home has a private well, your water supply depends on having power to operate the system. During a power outage—or any disaster that can cause a power outage, such as high winds, ice storm, or flood—you may find yourself without drinkable water.

### Tasks:

**Water** : Purchase and store a 72-hour supply of commercially bottled water (or more - up to two weeks).

**Water** : Bottle a 72-hour supply of water at home.

**Water** : Learn how to provide a safe supply of drinking water for your household in a disaster.

Read More: <http://do1thing.com/topics/water>

## Business:

**Goal for February: Determine what keeps your business running and take steps to ensure you can continue in an emergency or disaster**

A lot happens in your business every day. Some activities can be suspended, and some can't. Prioritize which business functions are critical to the continued operation of your business in a disaster. Identify what functions can be delayed (and for how long) and what can be deferred in the event of a potential disaster. This is the foundation of your business continuity plan.

**Essential Business Functions** : Identify the functions that are essential to the operation of your business.

**Essential Business Functions** : Determine what things could interrupt your essential business functions and take steps to minimize your risk.

**Essential Business Functions** : Consider diversifying your business functions to become more disaster-resilient.

Read More: <http://do1thing.com/audiences/business>

Thank You to do1thing  
<http://do1thing.com/>  
A Warren CERT Partner

## PRODUCTS PAGE

At our recent CPR/AED/First-Aid class many of you voiced a interest in purchasing a CPR mask and supplies. I have scoured the Internet and found the following:

**First Aid Adult and Infant CPR Mask Combo Kit with 2 Valves - \$9.00 + Shipping**  
Includes one Adult/Child mask, and one Infant Mask  
Includes Two Valves; nitrile gloves and 2 alcohol prep pads  
Soft Nylon Pouch Includes Clip & Belt Loop



**CPR Fast Response Kit in Nylon Bag - \$15.00 + Shipping**  
CPR Mask with One-Way Valve & O2 Inlet, Latex-free Nitrile Gloves,  
Alcohol Prep Pad(2pcs), EMT Scissor, Razor,  
Sterile Non-woven Gauze (4pcs), Instructions, carrying case.

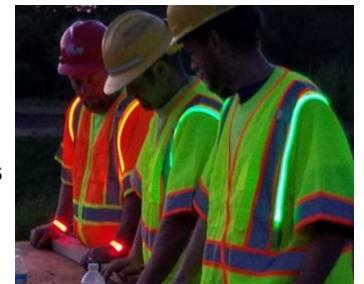


We also made an arraignments to purchase the Illuminated Rechargeable Strips as seen on member Rex Marshall on recent call-outs and shown at our appreciation breakfast at a 10% discount.



**\$24.95 - 10% + Shipping**

These strips are sold in 2's so they can be used on your existing safety vests, They have Velcro that adheres to fabric so there is no stitching required also has the option of double stick tape that will not release from fabric. The strips can be seen for up to a mile away and adds safety to night time operations. Rechargeable. Has 4 modes strobe, flash, on, and off.



**If anyone is interested in purchasing the above items let myself or one of the executive board members know and we will coordinate a group order. All items are C.O.D.**

### Water Storage

In looking for some water storage solutions for my self and checking out several food grade plastic barrel sources I came across a page called [ghbarrels.com](http://www.ghbarrels.com)



Pricing starts a \$20.00 and they offer quantity discounts. Purchase of 8+ any barrels = \$5 off of each barrel. Black 63 gal have a further discount for qty 20+ = \$18ea (\$7 off)

New barrels of this same type are in excess of \$125.00.



<http://www.ghbarrels.com/home.html>