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April 29, 2009

## Several Clorox Products Effective Against Flu

The Clorox Company is working closely with public health organizations to support their efforts to educate people about protecting themselves from swine flu. The World Health Organization has raised the influenza pandemic alert from Level 4 to 5. Level 6 is considered a global pandemic.

### Several Clorox Products Effective Against Flu Virus

The government website – [www.pandemicflu.gov](http://www.pandemicflu.gov) – recommends several steps for consumers to take to help protect themselves from flu, including disinfecting frequently touched surfaces. Among the products consumers can turn to for disinfection are: Clorox® regular bleach, Clorox® disinfecting wipes and Clorox® Clean-Up® cleaner with bleach spray cleaner. In the Away From Home markets, customers can also turn to Clorox Commercial Solutions® Ultra Clorox® germicidal bleach, germicidal wipes and germicidal spray; as well as Clorox® pro quaternary all-purpose disinfectant cleaner.

### Hand Sanitizers Included in CDC Recommendations to Help Prevent Spread of Germs

Also, in accordance with recommendations by the U.S. Centers for Disease Control and Prevention (CDC), institutional customers, such as hospitals and health-care providers, can turn to Clorox Commercial Solutions® Clorox® hand-sanitizing spray to help kill germs on hands. The CDC recommends the following everyday steps to protect your health:

- Cover your nose and mouth with a tissue when you cough or sneeze. Throw the tissue in the trash after you use it.
- Wash your hands often with soap and water, especially after you cough or sneeze. Alcohol-based hand cleaners are also effective.
- Avoid touching your eyes, nose or mouth. Germs spread this way.
- Try to avoid close contact with sick people.
- If you get sick with influenza, CDC recommends that you stay home from work or school and limit contact with others to keep from infecting them.

### Clorox Is Coordinating a Multinational Response

In international locations, our Research & Development and Marketing teams are working together to communicate recommendations to local retailers and consumers with up-to-date information about the efficacy of our disinfecting products. In all company locations, customer-facing and product supply teams are working to assess product availability in impacted regions so we can ensure our products are readily available where consumers shop.

We have received requests for product donations and we're working with international relief agencies to coordinate product donations in the areas most affected.

As more information becomes available, we will update employees, customers and consumers, as appropriate.

### For More Information

For more information on how to stop the spread of flu viruses on surfaces at home and in public places, visit the CDC's pandemic flu Web site at <http://www.pandemicflu.gov/plan/individual/panfacts.html>



# Swine Flu Update

**April 29, 2009**



- **What is swine flu?**

Swine Influenza (swine flu) is a respiratory disease of pigs caused by type A influenza viruses that causes regular outbreaks in pigs. People do not normally get swine flu, but human infections can and do happen. Swine flu viruses have been reported to spread from person-to-person, but in the past, this transmission was limited and not sustained beyond three people.

- **Is this swine flu virus contagious?**

CDC has determined that this swine influenza A (H1N1) virus is contagious and is spreading from human to human. However, at this time, it not known how easily the virus spreads between people.

- **How does swine flu spread?**

Spread of this swine influenza A (H1N1) virus is thought to be happening in the same way that seasonal flu spreads. Flu viruses are spread mainly from person to person through coughing or sneezing of people with influenza. Sometimes people may become infected by touching something with flu viruses on it and then touching their mouth or nose.

# Swine Flu: How people can protect themselves



- Cover your nose and mouth with a tissue when you sneeze. Throw the tissue in the trash after you use it. Cough into your elbow.
- Wash your hands often with soap and water, especially after you cough or sneeze. Alcohol-based hands cleaners are also effective.
- Avoid touching your eyes, nose or mouth. Germs spread that way.
- Try to avoid close contact with sick people.
- If you get sick with influenza, CDC recommends that you stay home from work or school and limit contact with others to keep from infecting them.
- Use EPA registered disinfectants on frequently touched surfaces. Germs can also be spread when a person touches an infected surface and then touches their own eyes, mouth or nose.

***For more information about swine flu and what you can do to protect against swine flu visit <http://www.cdc.gov/swineflu/>***



## Clorox Products which are effective against Swine Flu Virus

Product List	Case UPC
Clorox Commercial Solutions Ultra Clorox Germicidal Bleach	02489
Clorox Commercial Solutions Clorox Clean-Up Disinfectant Cleaner	35417 – Spray 35420 – Refill
Clorox Commercial Solutions Clorox Disinfecting Wipes	15948 – Lemon 15949 – Fresh Scent
Clorox Commercial Solutions Clorox Germicidal Spray	35310
Clorox Commercial Solutions Clorox Germicidal Wipes	35309 – 70ct 30358 – 110ct bucket 30359 – 110ct refill pouch
Clorox Commercial Solutions Clorox Pro Quaternary All-Purpose Disinfectant Cleaner	30182

# Clorox Products with Influenza A or Avian Flu Claims: Directions for Disinfecting Against Influenza (English)



Product	Directions for Use (English)
Clorox Commercial Solutions Ultra Clorox Germicidal Bleach	TO DISINFECT FLOORS, WALLS, BATHTUBS & SHOWERS: Pre-wash surface, mop or wipe with a bleach solution (2/3 cup bleach in 1 gallon of water). Allow solution to contact surface for at least 5 minutes. Rinse well and air dry.
Clorox Commercial Solutions Clorox Clean-Up Disinfectant Cleaner with Bleach	TO CLEAN AND DISINFECT HARD, NONPOROUS SURFACES: Spray product 4–6 inches from surface until thoroughly wet. Let stand 30 seconds. Wipe with a wet sponge or cloth and rinse with water. For heavily soiled surfaces, preclean surface before disinfecting.
Clorox Commercial Solutions Clorox Disinfecting Wipes	TO DISINFECT: Use to disinfect hard, nonporous surfaces. Wipe surface to be disinfected. Use enough wipes for treated surface to remain visibly wet for 4 minutes. Let surface dry. For highly soiled surfaces, clean excess dirt first.
Clorox Commercial Solutions Clorox Germicidal Spray	DISINFECTION: To clean, disinfect and deodorize hard, nonporous surfaces: Set trigger to SPRAY or FOAM. Spray 6–8 inches from surface until surface is thoroughly wet. Let stand for 1 minute. Wipe excess. Allow to air dry. Rinse with potable water for food-contact surfaces. For all others, no rinsing is required. Gross filth should be removed prior to disinfecting. If streaking is observed, wipe with a clean, damp cloth or paper towel.
Clorox Commercial Solutions Clorox Germicidal Wipes	TO CLEAN, DISINFECT AND DEODORIZE HARD, NONPOROUS SURFACES: Wipe hard, nonporous surface to be disinfected. Use enough wipes for treated surface to remain visibly wet for the contact time listed on label (1 minute for Influenza). Let air dry. Gross filth should be removed prior to disinfecting. If streaking is observed, wipe with a clean, damp cloth or paper towel after appropriate contact time has expired (1 minute for Influenza).
Clorox Disinfecting Bathroom Cleaner	To Disinfect: Thoroughly clean the surface to be disinfected by following the above directions (remove excess dirt first in heavily soiled areas); reapply, spraying entire surface until completely wet. Let stand 10 minutes before wiping.
Clorox Commercial Solutions Clorox Pro Quaternary All-Purpose Disinfectant Cleaner	DISINFECTION: To disinfect inanimate, hard, nonporous surfaces add 1 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low-pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For sprayer applications, spray 6–8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a precleaning step is required. Prepare a fresh solution for each use.

# Clorox Products with Influenza A or Avian Flu Claims: Directions for Disinfecting Against Influenza (Spanish)



Product	Directions for Use (Spanish)
Clorox Commercial Solutions Ultra Clorox Germicidal Bleach	PARA DESINFECTAR PISOS, PAREDES, BAÑERAS Y DUCHAS: Haga un prelavado de la superficie, trapee o limpie con la solución de blanqueador (2/3 de taza en 1 galón de agua). Deje que la solución tenga contacto con la superficie por lo menos pos 5 minutos. Enjuague bien y seque al aire.
Clorox Commercial Solutions Clorox Clean-Up Disinfectant Cleaner with Bleach	PARA LIMPIAR Y DESINFECTAR SUPERFICIES DURAS Y SIN POROS: Rocíe el producto de 4–6 pulgadas de la superficie hasta que esté completamente mojada. Deje reposar 30 segundos. Limpie con una esponja o paño mojado y enjuague con agua. Para superficies muy sucias haga una limpieza previa de la superficie antes de desinfectar.
Clorox Commercial Solutions Clorox Disinfecting Wipes	PARA DESINFECTAR: Use para desinfectar superficies duras y sin poros. Limpie la superficie para ser desinfectada. Use suficientes toallitas para que la superficie tratada permanezca visiblemente mojada por 4 minutos. Deje secar la superficie. Para superficies muy sucias, limpie primero el exceso de mugre.
Clorox Commercial Solutions Clorox Germicidal Spray	PARA DESINFECTAR: Para limpiar, desinfectar y desodorizar superficies duras y sin poros: Coloque el gatillo en ROCIAR “SPRAY” o en ESPUMA “FOAM”. Rocíe de 6–8 pulgadas de la superficie hasta que la superficie esté completamente mojada. Deje reposar por 1 minuto. Limpie el exceso. Deje secar al aire. Para superficies que entran en contacto con los alimentos, enjuague con agua potable. Para todas las demás, no se necesita enjuague. La suciedad grande se debe quitar antes de desinfectar. Si se observa rayas, limpie con un paño o con una toalla de papel limpia y húmeda.
Clorox Commercial Solutions Clorox Germicidal Wipes	PARA LIMPIAR, DESINFECTAR Y DESODORIZAR SUPERFICIES DURAS Y SIN POROS: Limpie la superficie dura y sin poros para ser desinfectada. Use suficientes toallitas para que la superficie tratada permanezca visiblemente mojada por el tiempo de contacto que se lista en la etiqueta (1 minuto para Influenza). Deje secar al aire. La suciedad grande se debe quitar antes de desinfectar. Si se observa rayas, limpie con un paño o con una toalla de papel limpia y húmeda después de que el tiempo de contacto adecuado se haya terminado (1 minuto para Influenza).
Clorox Disinfecting Bathroom Cleaner	Para Desinfectar: Limpie completamente la superficie que va a ser desinfectada siguiendo las instrucciones de arriba (quite primero el exceso de mugre en áreas muy sucias); vuelva a aplicar rociando toda la superficie hasta que esté completamente mojada. Deje reposar 10 minutos antes de limpiarlo.
Clorox Commercial Solutions Clorox Pro Quaternary All-Purpose Disinfectant Cleaner	PARA DESINFECTAR: Para desinfectar superficies inanimadas duras y sin poros, agregue 1 onza de este producto por galón de agua. Aplique la solución con un trapeador, paño, esponja, gatillo atomizador de bomba de mano o un atomizador basto de poca presión para mojar completamente todas las superficies. Deje que permanezca mojada por 10 minutos, luego quite el exceso de líquido. Para aplicaciones con un atomizador, rocíe de 6-8 pulgadas de la superficie, frote con un cepillo, esponja o paño. No inhale el vapor. Para áreas muy sucias, se requiere un paso de limpieza previa. Para cada uso prepare una solución fresca.

# Hand Sanitizers Included in CDC Recommendations to Help Prevent Spread of Germs



<b>Product List</b>	<b>Case UPC</b>
<b>Clorox Commercial Solutions Hand Sanitizer 2oz</b>	<b>02174</b>
<b>Clorox Commercial Solutions Hand Sanitizer 500ml</b>	<b>02176</b>
<b>Clorox Commercial Solutions Hand Sanitizer Dispenser - Manual</b>	<b>01752</b>
<b>Clorox Commercial Solutions Hand Sanitizer 1000ml refill – Manual</b>	<b>01753</b>
<b>Clorox Commercial Solutions Hand Sanitizer Dispenser - Touchless</b>	<b>30242</b>
<b>Clorox Commercial Solutions Hand Sanitizer 1000ml refill – Touchless</b>	<b>30243</b>

***Note – Hand Sanitizer products do not carry anti-viral claims***



Because the situation is evolving, the following sites are recommended for updated information:

- US: CDC website <http://www.cdc.gov/flu/swine/investigation.htm>
- Canada: Public Health Agency of Canada website <http://www.phac-aspc.gc.ca/index-eng.php>
- World Health Organization website <http://www.who.int/en/>
- Clorox: <http://www.cloroxprofessional.com>, <http://www.clorox.com>

Directions for Disinfecting Against Influenza  
4/30/09

Product	Directions for Use (English)	Directions for Use (Spanish)
Clorox Commercial Solutions Ultra Clorox Germicidal Bleach	<b>TO DISINFECT FLOORS, WALLS, BATHTUBS &amp; SHOWERS:</b> Pre-wash surface, mop or wipe with a bleach solution (2/3 cup bleach in 1 gallon of water). Allow solution to contact surface for at least 5 minutes. Rinse well and air dry.	<b>PARA DESINFECTAR PISOS, PAREDES, BAÑERAS Y DUCHAS:</b> Haga un prelavado de la superficie, trapee o limpie con la solución de blanqueador (2/3 de taza en 1 galón de agua). Deje que la solución tenga contacto con la superficie por lo menos por 5 minutos. Enjuague bien y seque al aire.
Clorox Commercial Solutions Clorox Clean-Up Disinfectant Cleaner with Bleach	<b>TO CLEAN AND DISINFECT HARD, NONPOROUS SURFACES:</b> Spray product 4–6 inches from surface until thoroughly wet. Let stand 30 seconds. Wipe with a wet sponge or cloth and rinse with water. For heavily soiled surfaces, preclean surface before disinfecting.	<b>PARA LIMPIAR Y DESINFECTAR SUPERFICIES DURAS Y SIN POROS:</b> Rocíe el producto de 4–6 pulgadas de la superficie hasta que esté completamente mojada. Deje reposar 30 segundos. Limpie con una esponja o paño mojado y enjuague con agua. Para superficies muy sucias haga una limpieza previa de la superficie antes de desinfectar.
Clorox Commercial Solutions Clorox Disinfecting Wipes	<b>TO DISINFECT:</b> Use to disinfect hard, nonporous surfaces. Wipe surface to be disinfected. Use enough wipes for treated surface to remain visibly wet for 4 minutes. Let surface dry. For highly soiled surfaces, clean excess dirt first.	<b>PARA DESINFECTAR:</b> Use para desinfectar superficies duras y sin poros. Limpie la superficie para ser desinfectada. Use suficientes toallitas para que la superficie tratada permanezca visiblemente mojada por 4 minutos. Deje secar la superficie. Para superficies muy sucias, limpie primero el exceso de mugre.
Clorox Commercial Solutions Clorox Germicidal Spray	<b>DISINFECTION: To clean, disinfect and deodorize hard, nonporous surfaces:</b> Set trigger to SPRAY or FOAM. Spray 6–8 inches from surface until surface is thoroughly wet. Let stand for 1 minute. Wipe excess. Allow to air dry. Rinse with potable water for food-contact surfaces. For all others, no rinsing is required. Gross filth should be removed prior to disinfecting. If streaking is observed, wipe with a clean, damp cloth or paper towel.	<b>PARA DESINFECTAR: Para limpiar, desinfectar y desodorizar superficies duras y sin poros:</b> Coloque el gatillo en ROCIAR "SPRAY" o en ESPUMA "FOAM". Rocíe de 6–8 pulgadas de la superficie hasta que la superficie esté completamente mojada. Deje reposar por 1 minuto. Limpie el exceso. Deje secar al aire. Para superficies que entran en contacto con los alimentos, enjuague con agua potable. Para todas las demás, no se necesita enjuague. La suciedad grande se debe quitar antes de desinfectar. Si se observa rayas, limpie con un paño o con una toalla de papel limpia y húmeda.
Clorox Commercial Solutions Clorox Germicidal Wipes	<b>TO CLEAN, DISINFECT AND DEODORIZE HARD, NONPOROUS SURFACES:</b> Wipe hard, nonporous surface to be disinfected. Use enough wipes for treated surface to remain visibly wet for the contact time listed on label (1 minute for Influenza). Let air dry. Gross filth should be removed prior to disinfecting. If streaking is observed, wipe with a clean, damp cloth or paper towel after appropriate contact time has expired (1 minute for Influenza).	<b>PARA LIMPIAR, DESINFECTAR Y DESODORIZAR SUPERFICIES DURAS Y SIN POROS:</b> Limpie la superficie dura y sin poros para ser desinfectada. Use suficientes toallitas para que la superficie tratada permanezca visiblemente mojada por el tiempo de contacto que se lista en la etiqueta (1 minuto para Influenza). Deje secar al aire. La suciedad grande se debe quitar antes de desinfectar. Si se observa rayas, limpie con un paño o con una toalla de papel limpia y húmeda después de que el tiempo de contacto adecuado se haya terminado (1 minuto para Influenza).
Clorox Commercial Solutions Clorox Pro Quaternary All-Purpose Disinfectant Cleaner	<b>DISINFECTION:</b> To disinfect inanimate, hard, nonporous surfaces add 1 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low-pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For sprayer applications, spray 6–8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a precleaning step is required. Prepare a fresh solution for each use.	<b>PARA DESINFECTAR:</b> Para desinfectar superficies inanimadas duras y sin poros, agregue 1 onza de este producto por galón de agua. Aplique la solución con un trapeador, paño, esponja, gatillo atomizador de bomba de mano o un atomizador basto de poca presión para mojar completamente todas las superficies. Deje que permanezca mojada por 10 minutos, luego quite el exceso de líquido. Para aplicaciones con un atomizador, rocíe de 6-8 pulgadas de la superficie, frote con un cepillo, esponja o paño. No inhale el vapor. Para áreas muy sucias, se requiere un paso de limpieza previa. Para cada uso prepare una solución fresca.