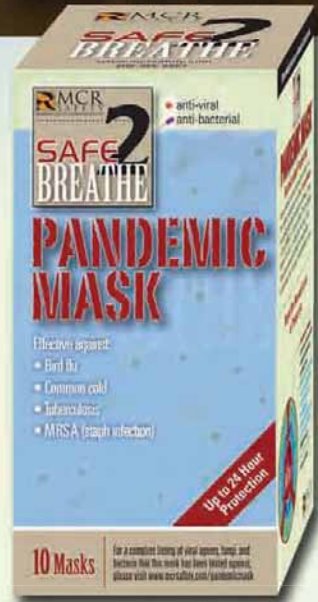


# PANDEMIC MASK



## What You Need and ... What You Need To Know.

### Resources for the Business Community Prepare, Plan, Stay Informed

A pandemic is a global disease outbreak. A worldwide pandemic could have a major effect on the global economy, including travel, trade, tourism, food consumption and eventually, investment and financial markets. Planning for pandemics by business and industry is essential to minimize a pandemic's impact. Companies that provide critical infrastructure services, such as power and telecommunications, also have a special responsibility to plan for continued operation in a crisis and should plan accordingly. As with any catastrophe, having a contingency plan is essential. Absenteeism, change in patterns of commerce and interruption of service are just a few of the problems that will emerge. The following websites offer invaluable information on readiness, preparedness, reaction and more.

#### Updated Worldwide Press Releases

Regularly updated listing of various Pandemic related media releases.  
[http://www.mcrcsafety.com/innovations/info/Pandemic\\_Booklet.pdf](http://www.mcrcsafety.com/innovations/info/Pandemic_Booklet.pdf)

#### Preparing Workplaces for Pandemic

OSHA has published a full library of information, including organizational charts.  
[http://osha.gov/Publications/influenza\\_pandemic.html](http://osha.gov/Publications/influenza_pandemic.html)

#### Pandemic Influenza Preparedness, Response, and Recovery Guide

for critical infrastructure and key resources by U.S. Department of Homeland Security  
<http://www.pandemicflu.gov/plan/pdf/CIKRpandemicInfluenzaGuide.pdf>

#### Planning and Response Checklists

The US Government has prepared numerous checklists and guides for schools, the workplace, homes and more.  
<http://www.pandemicflu.gov/plan/index.html>

#### World Health Organization (WHO)

A wealth of world-wide related information, including up to date tracking of infections and fatalities.  
[http://www.who.int/csr/disease/avian\\_influenza/en/](http://www.who.int/csr/disease/avian_influenza/en/)

#### U.S. Center for Disease Control (CDC)

The CDC is the first line of information for the United States.  
<http://www.cdc.gov/flu/pandemic/>

#### Key Facts about Avian Influenza (Bird Flu) and Avian Influenza A (H5N1) Virus

In depth information about the Bird Flu and H5N1  
<http://cdc.gov/flu/avian/gen-info/facts.htm>

#### Pandemic Preparedness Where You Live

Interactive map and links to your community  
<http://pandemicflu.gov/whereyoulive/index.html>

#### Related PPE items for Pandemic Preparedness

MCR Safety offers a full line of disposable gloves, aprons, eye protection, disposable clothing and safety vests that may be considered as preparation for catastrophic events.  
[www.mcrcsafety.com](http://www.mcrcsafety.com)

anti-viral  
anti-bacterial

## 24 HOUR



# PROTECTION

- Poultry Workers
- First Responders
- Disaster Relief
- TSA
- Police
- CSI
- Government
- Emergency Services
- Airlines
- Home Health
- Postal Workers
- Community Services
- Day Care
- Health Dept.
- Mass Transit
- Linen Services
- Agriculture
- Education
- Families
- National Guard
- Delivery Personnel
- Telecommunications
- Corrections
- Truckers
- Hospitality
- Clergy
- Hospice
- Homeland Security
- Morticians
- Nursing Homes
- Food Services
- Corporate Workforce
- Sanitation
- Laboratory
- Instructors
- Law Enforcement
- Social Services
- Aid Organizations
- Dormitories
- Food Producers
- Banking
- Defense Dept.



[www.mcrcsafety.com/innovations](http://www.mcrcsafety.com/innovations)

800-955-6887

# SAFE BREATHE

**CANADA-MORE BIRD FLU**  
AFP  
OTTAWA, CANADA - A SECOND outbreak of bird flu in less than a month has been detected on another poultry farm in Canada's west.

**SCIENTISTS SAY PANDEMIC IS CERTAIN**  
Expert panel tells emergency managers it's just a matter of when the avian flu will strike.

**15,000 ARKANSAS HENS EXPOSED TO BIRD FLU**  
CBS News  
LITTLE ROCK, Ark., June 3, 2008 (AP) killing and burying the carcasses of 15,000 hens in northwest Arkansas.

**FLU VIRUSES GROWING RESISTANT TO TAMIFLU**  
3-2-2009 USA TODAY, By Steve Sternberg, Evidence that flu viruses are becoming more resistant to the drug Tamiflu has sown deep concern to the drug's makers and doctors who are worried that their best weapon is losing its punch. The spread of

**BIRD FLU FOUND ON WESTERN KENTUCKY POULTRY FARM**  
April 4, 2009 01:41 PM Lex18.com  
FRANKFORT, KY - State and federal authorities are investigating a finding of suspected non-low-pathogenic avian influenza in a single poultry farm in western Kentucky. The strain is not believed to be a health and poultry threat to humans and poultry.

# PANDEMIC MASK

## How Safe2Breathe is superior to N95!

## Effectively destroys viruses & bacterias

### PANDEMIC MASK

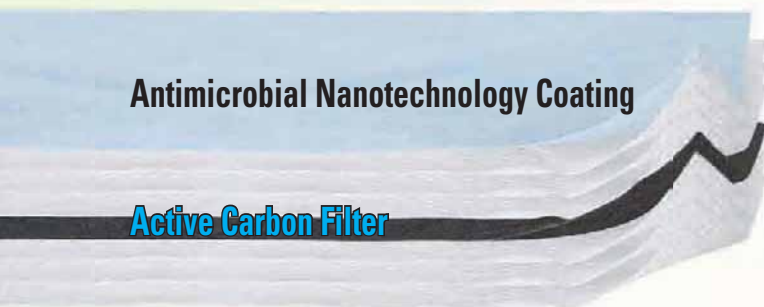
#### Antimicrobial Properties

Independent laboratory test results confirm that the antimicrobial properties of the **PANDEMIC MASK** are significantly effective against Influenza, Tuberculosis, MRSA, bird flu and others. The mask goes beyond filtration by neutralizing and destroying these microbes making them harmless to the environment and breaking the transmission cycle.

#### How Does It Work?

##### 7-Layer Construction Protects Bi-Directionally

The **PANDEMIC MASK** offers bi-directional protection with 7-layer construction (versus the 3-layer industry standard) that disables viruses at the cellular level, repels airborne moisture and filters fine particles, blood, bacteria and viruses.



#### How Long Do Antimicrobial Properties Last?

When used according to manufacturer's instruction, the **PANDEMIC MASK** has been proven to block at least **99%** of particulates and has been tested to **destroy micro-organisms for up to 24 hours!** The product shelf life is at least 3 years.

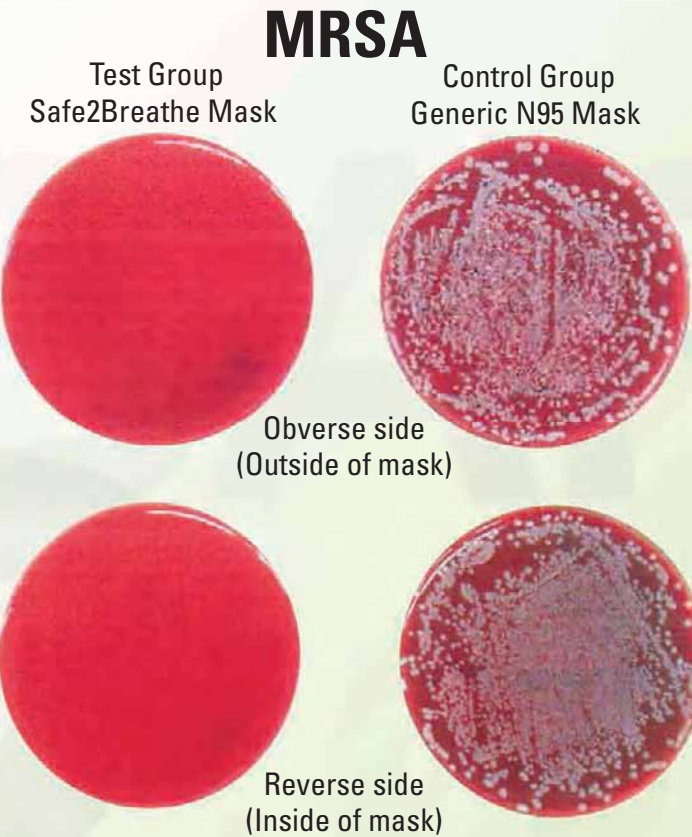
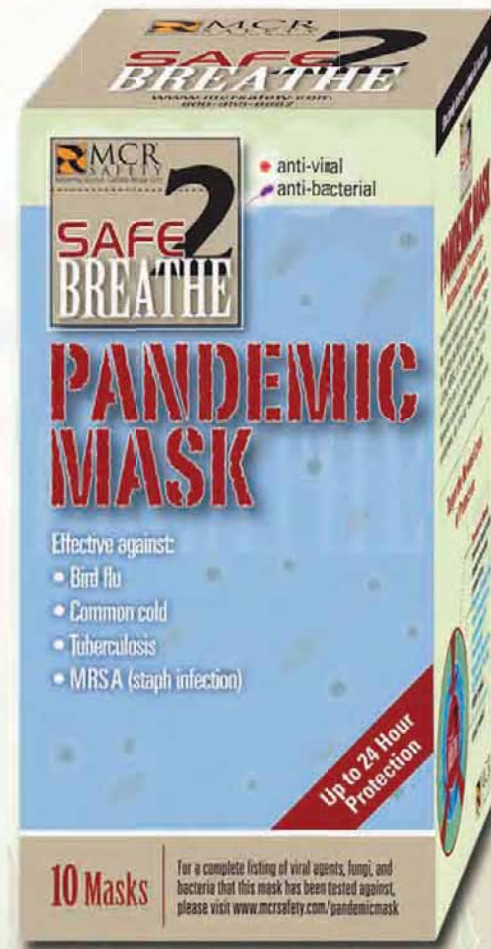
- 2-way protection for up to 24 hours (inhalation & exhalation)
- Ergonomically designed for comfortable fit & maximum breathability
- Eliminates odors
- Adjustable strap
- Latex Free
- Protects up to 6 times longer than traditional N95 respirator

N95 masks are only tested to block particles from entering the mask. These particles will continue to stay alive on the N95 mask, thus continuing the spread of the pandemic.

Independent Laboratory Tests Prove...

### Safe2Breathe kills...

 **Viruses &**  
 **Bacterias**



The antibacterial effect of test article against MRSA. Exposure time was 1, 12 and 24 hours. (MRSA - Methicillin-Resistant Staphylococcus Aureus)

Table 3: Antibacterial activities of "Safe2breathe mask" against organism were evaluated by *in vitro* test.

Exposure time (hr)	Bacteria	Concentration (CFU/mL)	The side of reation	Test Group		Control Group
				Total viable count (CFU/mL)	Killing rate %	Total viable count (CFU/mL)
24 hr	MRSA <sup>a</sup>	1.7 x 10 <sup>4</sup>	Obverse side	0	100.0	2.3 x 10 <sup>4</sup>
			Reverse side	0	100.0	2.0 x 10 <sup>4</sup>
	<i>H. Influenza</i>	4.5 x 10 <sup>3</sup>	Obverse side	0	100.0	5.0 x 10 <sup>2</sup>
			Reverse side	0	100.0	4.4 x 10 <sup>3</sup>
24 hr	<i>M. fortuitum</i>	1.7 x 10 <sup>4</sup>	Obverse side	35	98.5	2.4 x 10 <sup>3</sup>
			Reverse side	20	98.8	1.8 x 10 <sup>3</sup>
	<i>B. subtilis</i>	3.8 x 10 <sup>4</sup>	Obverse side	5.6 x 10 <sup>3</sup>	87.0	4.4 x 10 <sup>4</sup>
			Reverse side	3.9 x 10 <sup>2</sup>	99.0	3.2 x 10 <sup>4</sup>

a: MRSA, Methicillin-resistant *Staphylococcus aureus*

