COPPERMEDICS 2710 Blucher Valley Road, Sebastopol, California 95472

Facemask surface made with copper - kills 99.57% of SARS-CoV-2 virus within 10 minutes

Sebastopol, Calif – November 5 2020 - A brand-new face mask made of an antiviral surface material with copper ion-bonded fiber was able to kill 99.57% of SARS-CoV-2, the virus that causes COVID-19, within 10 minutes of contact according to recent tests completed by the Colorado State University, Ft. Collins, in the United States.

Test results also showed that greater than 99.999% of the SARS-CoV-2 was “deactivated” within 30 minutes.

"This mask not only protects the wearer from virus droplets that might land on the surface of the wearer's mask", explained Mark Zuckerman on Friday, President of Coppermedics, the firm representing the Korean manufacturer MediFiber in the US, "but the fabric can also deactivate viral droplets being exhaled by someone already infected with COVID-19.”

Called the “Virus Buster,” several models of this antiviral face mask are being sold throughout the world, specifically in the United States, France, Germany, the United Kingdom, Japan, and Korea.

Reducing the amount of SARS-CoV-2 virus activity on the face mask surface makes it less likely that wearers will be infected by coming into contact with the virus while removing their masks and accidentally touching their mouths, noses or eyes. For this reason, the Virus Buster face mask could be especially useful for frontline workers, employees of large organizations, staff and residents of care-giving institutions, elderly people, and any high-risk individuals.

The Virus Buster mask is comprised of four layers of material: the tested outer surface layer with the copper ion-bonded fiber, a protective layer containing a nano-membrane filter, a support layer, and an innermost skin care layer.

Tests of the copper-containing antiviral material known as "CAZ” were performed at the BSL-3 laboratory at Colorado State University at Fort Collins under the direction of Dr. Nicole Kruh-Garcia, Assistant Professor in the Department of Microbiology, Immunology and Pathology.

The testing was performed according to ISO 18184:2019, an international standard for determining the antiviral activity of textiles.

About Coppermedics
Coppermedics is an association of individuals dedicated to amplifying the public’s understanding of copper - the metal - and its ability to provide antibacterial and antimicrobial protection for public health needs. Copper’s intrinsic capability to disable and kill bacteria and other undesirable microbes has been widely tested and confirmed. Coppermedics is engaged in activities to promote the widespread application of copper and copper-derived materials and products for global public health benefit.

For more information, please contact:

Mark Zuckerman, President of Coppermedics™
www.coppermedics.com
mark.zuckerman@coppermedics.com
Cell: 310-993-9929