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FOR IMMEDIATE RELEASE

Morphix Technologies® Chameleon® Arson Investigation Kit is now the Fire Investigator Safety Kit

The Chameleon Fire Investigator Safety Kit is configured with toxic chemical sensors specifically for responders and personnel in fire investigations.

Virginia Beach, Va. (May 2019) – Morphix Technologies®, an innovator in the science of detection devices for dangerous chemicals, has renamed its Arson Investigation Kit to be the Fire Investigator Safety Kit. This configuration of Morphix Technologies' Chameleon® Chemical Detection Armband provides responders, law enforcement, and fire scene investigators with an easy-to-use, low-cost tool to identify dangerous levels of toxic chemicals in the investigation after a fire. In todays modern world where plastics and chemicals are a part of almost everything made, it is important to protect oneself from unseen hazards during and after a fire.

Whether a fire occurs in a residence, business or industrial facility, combustion creates a cocktail of toxic gases in the fire smoke. After a fire has been resolved, fire officials, fire investigators, and law enforcement are called to ascertain whether a fire was criminal or accidental in nature. Even with the fire extinguished, the burn site still produces unseen toxic chemicals. According to a recent article published by NBC News, "modern homes and businesses [are] full of synthetics, plastics, and chemicals that can explode much faster and coat firefighters in a toxic soot."[1] Since several of these chemicals are not visible or produce a distinct odor, investigators and other personnel may not be aware of the airborne hazards. A CDC/National Institute for Occupational Safety and Health study tracked nearly 30,000 firefighters across the country in 2010 and found higher rates of cancer than

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[1] Tom Costello, "Cancer Is the Biggest Killer of America's Firefighters," *NBC News,*
https://www.nbcnews.com/health/cancer/cancer-biggest-killer-america-s-firefighters-n813411

the general population.[2] The Chameleon Fire Investigator Safety Kit alerts the investigating team to the potential of toxic gases allowing them to leave the area or take other precautions before an injury can occur.

Chameleon Chemical Detection Armband

The Chameleon Fire Investigator Safety Kit can be used alone or in addition to chemical protective suits and masks to identify dangerous levels of a variety of hazardous chemicals. The Kit is an easy-to-use, inexpensive, wearable, reusable armband that can hold up to 10 cassettes, each of which detects a particular toxic chemical and changes color upon detection. The Kit includes one cassette each of the following: ammonia, hydrogen, cyanide, hydrogen, fluoride, hydrogen sulfide, low pH (acid), nitrogen dioxide, phosgene, and sulfur dioxide. Two colors appear in the window when a toxic gas is present and requires no power source or calibration. Unlike current colorimetric, the Chameleon is designed to military standards for use in a wide variety of operating environments including desert heat, arctic cold, tropical conditions, and immersion in salt or fresh water. Morphix Technologies has prioritized its product development based on the advice of the U.S. military and law enforcement agencies, so the Chameleon Chemical Detection Armband cassettes are available for many of the high-risk Toxic Industrial Chemicals (TICs) identified by the U.S. government. It has also been approved by the U.S. SAFETY Act of the Department of Homeland Security as an anti-terrorist technology.

If you'd like to receive more information about our products, please contact Morphix Technologies toll-free in the US at 800-808-2234 or +1-757-431-2260 internationally. You can also email sales@morphtec.com.

Visit the website at www.morphtec.com to learn more or join the ongoing conversation on Facebook.

About Morphix Technologies®:
Morphix Technologies®, located in Virginia Beach, Virginia, is an ISO 9001:2015 certified company creating and manufacturing products that detect invisible dangers in order to save lives. Morphix Technologies® has taken innovation to the next level with high-quality, easy-to-use, cost-effective and simple colorimetric sensor technology for military, law enforcement, first responders, emergency, homeland security, and industrial personnel. http://www.morphtec.com/

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[2] Tom Costello, "Cancer Is the Biggest Killer of America's Firefighters," *NBC News,*
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