



NANOSWEEP™*

ACTIVATED CARBON FABRIC DECONTAMINATION WIPES



BENEFITS

PERFORMANCE

- Exceeds government requirements for immediate decontamination
- Over 90% of gross CWA contamination removed in one pass
- Effectively removes a broad range of nonvolatile contaminants such as pesticides
- No solid residues left behind on treated surfaces
- Won't scratch optics or damage delicate surfaces

SAFETY

- Minimal CWA/contaminant off-gassing from contaminated wipes
- Original package is resealable for secondary containment of used wipe
- Adsorbed contaminants degrade over time: abandoned contaminated wipes will not pose a long-term threat
- Easily disposed of by placing

EASE OF USE

BACKGROUND

The threat of chemical or biological (CB) attack is real, and there is a recognized need for improved technologies to better respond to these situations. During a CB emergency, first responder units are critical for handling the emergency, and then restoring the environment where it occurred. After a threat has been contained, the first responders, donned in protective gear, must decontaminate themselves along with their equipment. The powder based decontamination products that are currently commercially available are neither simple nor practical to use. These powdered materials leave behind contaminated particles that can not only act like grit and scratch delicate surfaces, such as optical lenses, but are also hard to remove. Because of these issues, the US military realized that a better decontamination system was needed. That next generation decontamination system has arrived. Entropic Systems Inc. (ESI), along with the Edgewood Chemical and Biological Center (ECBC), has developed a superior decontamination wipe. This wipe is specifically designed for the immediate decontamination of chemical warfare agents (CWAs) from sensitive equipment, such as night vision goggles.

PERFORMANCE

Based on the use of military grade activated carbon fabric technology, this wipe effectively removes more than 90% of CWAs from a variety of sensitive equipment items in one pass. The removed contaminants do not off-gas because they are locked into the fabric pores, where they are broken down naturally over time. These wipes easily meet the Government requirements for an Operational chemical agent decontamination system. ESI's Nanosweep™ easily decontaminates complex surfaces, is flexible and comfortable,

will not scratch optical lenses or delicate surfaces, nor leave behind contaminated powder particles. The ambidextrous design, which incorporates a Velcro closure for on-hand stability, provides an effective cleaning surface and insures ease of use while wearing cumbersome decon gear. Use of Nanosweep™ is not limited to CWAs; it can also be used to effectively remove a broad range of non-volatile hazardous organic chemicals, such as pesticides. ESI's Nanosweep™ is easily transportable, requires no additional resources nor extensive training to be effective. It is packaged in a hermetic re-sealable pouch for a long shelf life.

DISPOSAL

Once a Nanosweep™ has been used, it can be placed back into the original pouch, which doubles as a secondary hermetic envelope for safe handling. It is disposed of by immersion in a bleach solution or by incineration. Inadvertently abandoned contaminated Nanosweep™ wipes will not represent a long term hazard to third parties that may accidentally handle

** Patent pending*



★ (866) 66 DECON ★

MADE IN THE USA