

MITIGATION - SCIENCE AND TECHNOLOGY ADVANCES FOR CHEMICAL AND BIOLOGICAL CONTAMINATION MITIGATION

Development Of A Field Decontamination Kit For Military Working Dogs

Brian France TDA Research, Inc.

Military working dogs (MWDs) have been an integral part of the US military since its inception. Currently, these working dogs are assigned to every branch of the US military and are deployed worldwide. These dogs are frequently deployed into military field environments that can at times be quite hazardous. Current decontamination protocol relies on copious amount of soap and water which is beyond what can reasonably be carried by the individual or the canine during dismounted movement and tactical operations. There is a clear need for immediate removal/reduction technology that is packaged in a format that provides the ability to remove operationally-relevant amounts of threat agents that will incapacitate or kill the MWD. TDA Research, Inc. has developed a MWD Field Decontamination kit that contains products and procedures which have been shown to remove toxic materials and simulants from canine fur while preventing transfer to the animal's skin. The MWD Field Decontamination Kit enables the lifesaving removal of contamination from a MWD in far forward field environment with no additional logistical support, enabling the return of both the MWD and handler. Testing has shown that this kit, when used with proper procedures, can removal large quantities of chemical agent from the fur without transfer to the MWD's skin. The animal can be saved even after exposure to many lethal doses of agent

The MWD Field Decontamination kit is small in size, lightweight, and easy to use.

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