

# PRESS RELEASE



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Media Contact: Belle Bennitt  
Marketing & Events Associate  
mbennitt@firstlinetech.com  
(703) 955-7510

## New Research Conducted by EPA Reveals Most Effective Decontamination Solution on the Market in Degradation of Fentanyl

**FREDERICKSBURG, VA, FEBRUARY 26, 2023** – [First Line Technology](#), a leading manufacturer and distributor of emergency response and disaster preparedness solutions, announced the U.S. Environmental Protection Agency identified one of its products, [Dahlgren Decon](#)<sup>®</sup>, as the most effective decontamination solution for degradation of fentanyl.

The announcement comes after an opioid epidemic that has plagued the nation for more than a decade and continues to rage across the nation. The recent rise in [accidental overdose fatalities](#) puts first receivers at an increased risk of accidental exposure to fentanyl.

In a set of recent [fentanyl decontamination studies](#) conducted as part of the U.S. Environmental Protection Agency's (EPA's) Homeland Security Research Program's (HSRP), the EPA concludes its findings regarding the efficiency of decontamination solutions when applied to fentanyl on common indoor surfaces. Dahlgren Decon was among several decontamination solutions tested on surfaces representing painted drywall, laminate, wood, and coated steel.

“Dahlgren Decon decontaminant demonstrated an average efficacy of 99.97% across the four [building] materials attributable to a combination of physical removal and chemical decontamination”.

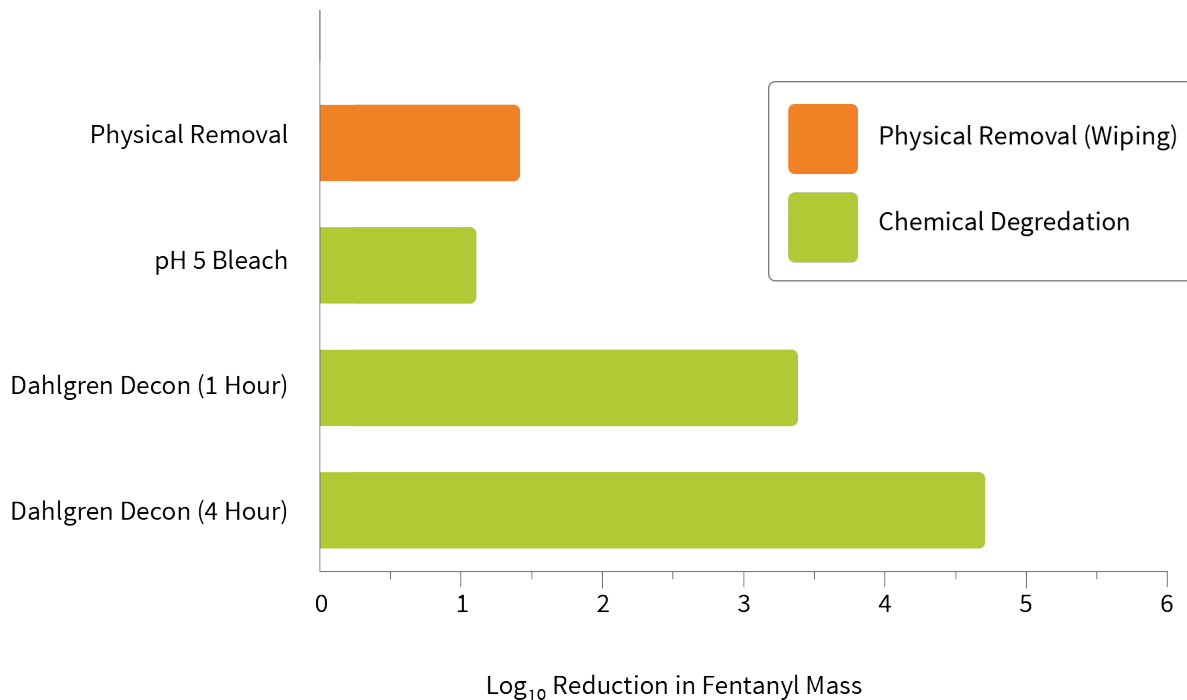
Also tested was a diluted version of Dahlgren Decon on a variety of materials representing protective equipment worn by responders who may become exposed to fentanyl. These included material from re-useable and single use HazMat suits, firefighting gear, and neoprene dive suits.

“Diluted Dahlgren Decon decontaminant demonstrated efficacies of 96% across the four [suit] materials”.

### First Line Technology

487 Lendall Ln, Fredericksburg, VA 22405  
info@firstlinetech.com | +1 (703) 955-7510 | www.firstlinetech.com | @firstlinetech





*This graph has been adapted from the original report titled "Decontamination options for indoor surfaces contaminated with realistic fentanyl preparations"*

The reports also conclude that Dahlgren Decon performed the best out of all other decontamination solutions tested including a commercial laundry stain remover, several hydrogen peroxide-based decontaminants, and various solutions of chlorine bleach.

“These EPA results are a game changer for first responders, in the full spectrum fight against fentanyl exposure”, said Amit Kapoor, CEO of First Line Technology.

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**About First Line Technology:** First Line Technology is a leading provider of decontamination solutions for the U.S. military and first responders nationwide. Founded in 2003 by CEO, Amit Kapoor, the company designs and manufactures disaster preparedness and emergency response equipment. In 2016, the U.S. Navy signed an exclusive license agreement with First Line to permit the manufacture of a lifesaving decontaminaton technology, Dahlgren Decon, which was developed at the Naval Surface Warfare Center in Dahlgren, Virginia. To learn more about First Line Technology, visit [www.firstlinetech.com](http://www.firstlinetech.com)

**About the EPA:** The Environmental Protection Agency is a **United States federal government agency** whose mission is to protect human and environmental health. The EPA regulates the manufacturing, processing, distribution, and use of chemicals and other pollutants. To learn more about the EPA, visit [www.epa.gov](http://www.epa.gov)

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